



European
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European market has a **strong start** in 2008

U.S. politician talk about isolationism to please workers but this is **no time for isolation** in Hot Topic

ZF to Acquire Cherry in Industry News

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Market Overview: European Switch Market Starts 2008 Up X% In Sales And X% In Bookings Versus Previous Quarter

Total reported sales for all switch types in Europe for Q1 of 2008 were XXXX M € that was XX% above the XXXX M € reported in the previous quarter and XX% less than the XXXX M € observed in the first quarter of 2007. Sales units for Q1 2008 totaled XXXX M and this was XX% better than the XXXX M units sold in Q4 2007 and XX% below the XXXX M in Q1 2007.

This is the first issue of the expanded European edition of Switch Tracks. With this issue an addition seven switch types will be covered each quarter. The companies included in reported sales are Cherry, C&K, Defond, Honeywell, Johnson Electric (Saia Burgess), Knitter, Marquardt, NKK, Omron, and Rafi. The switch types they reported on are component DIP, keylock, push button, rocker, slide, snap action, tact, and toggle switches. Appendix "A" defines which switch families are included by type, subcategory, and contributing subscriber.

Based on the reported sales total of XXXX M €, the total market for the switch types covered in Q1 2008 is estimated to be XXXX M € and XXXX M units.

The total booking dollars reported for all switch types in Europe for Q1 2008 equaled XXXX M €, XX% better than last quarter's XXXX M € and below Q1 2007's total bookings of XXXX M € by XX%. The first quarter's book-to-bill ratio for dollars was XXXX. Booking units in Q1 2008 equaled XXXX M running XX% above the XXXX M in Q4. The first quarter's book-to-bill ratio for units was XXXX.

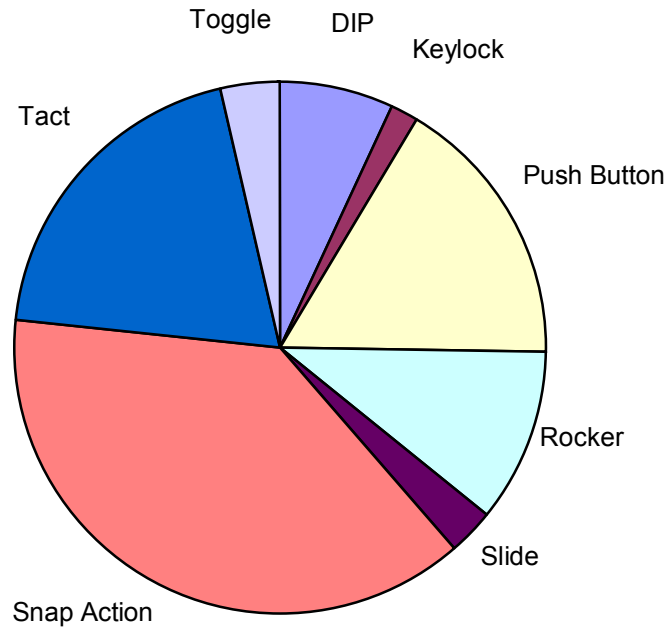
For the full calendar year (CY) 2007 reported sales for all switch types in Europe totaled XXXX M €. Based on the reported data from contributing manufacturers and estimates for manufacturers not yet reporting the estimated total market for the switch types reported on is XXXX M €. The table below shows the total reported sales, estimated total market size, and percent being reported to Switch Tracks for CY 2007 by switch type.

Total Reported Sales And Market Estimates for CY 2007

	DIP	Keylock	Push Button	Rocker	Slide	Snap Action	Tact	Toggle	Total
Reported Sales (€)	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M
Estimated Total Market Size (€)	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M	XXXX M
Percent Reported	XX %	XX %	XX %	XX %	XX %	XX %	XX %	XX %	XX %

The graph below shows the market share of sales euros for each of the eight switch types for CY 2007.

CY 2007 Euros Share Of Total Estimated European Switch Market



The first quarter versus the fourth of last year showed strong sales euro and unit growth. Euros dropped for keylock and all other types had growth in euros and units. Average selling prices fell in six of eight types and overall. Q1 compared to a year ago shows an opposite result. Sales in euros and units fell in almost every type and in total. Average selling prices had mixed results with four types up and four types down with a small gain in total.

Sales Growth By Switch Type

Category	Q1 2008 Versus Q4 2007			Q1 2008 Versus Q1 2007		
	Euros	Units	ASP	Euros	Units	ASP
DIP	XX%	XX%	-XX%	-XX%	XX%	-XX%
Keylock	-XX%	XX%	-XX%	-XX%	-XX%	XX%
Push Button	XX%	XX%	-XX%	-XX%	-XX%	-XX%
Rocker	XX%	XX%	-XX%	XX%	XX%	-XX%
Slide	XX%	XX%	XX%	-XX%	-XX%	XX%
Snap Action	XX%	XX%	XX%	-XX%	-XX%	XX%
Tact	XX%	XX%	-XX%	-XX%	-XX%	-XX%
Toggle	XX%	XX%	-XX%	XX%	-XX%	XX%
Total	XX%	XX%	-XX%	-XX%	-XX%	XX%

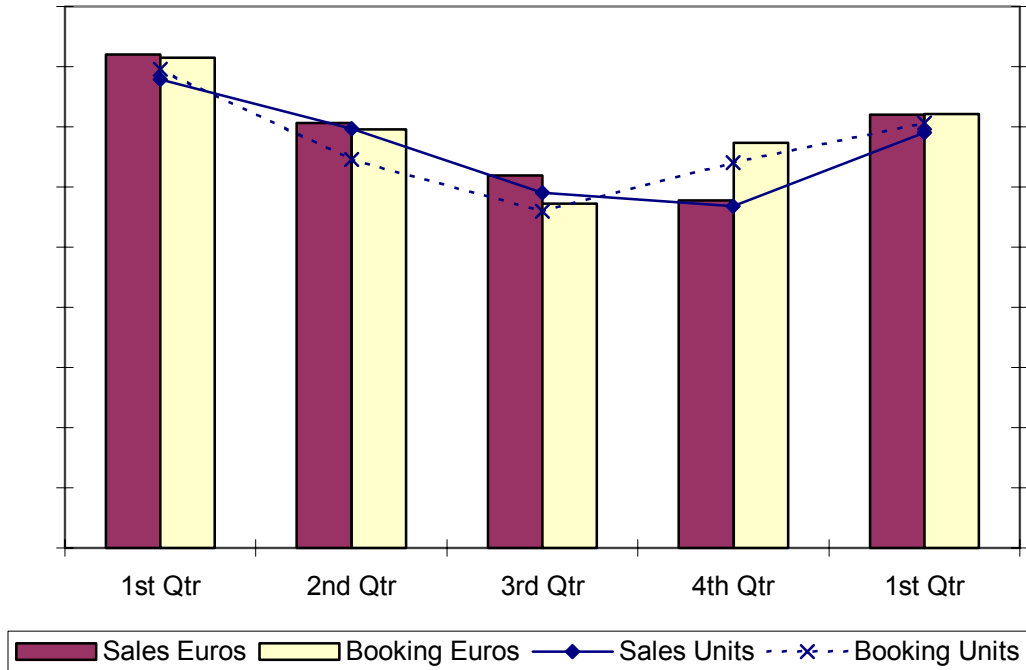
When compared to the last quarter total booking euros and units rose for all but push button and snap action switches. Units grew stronger than euros pushing the average booking price lower in five of eight types and in total. Bookings in Q1 versus a year ago were lower in total euros and units. This caused by weakness in snap action and tact switches. Similar to sales, average booking prices compared to the same period a year ago were up in four and down in four types, with a slight increase in total.

Bookings Growth By Switch Type

Category	Q1 2008 Versus Q4 2007			Q1 2008 Versus Q1 2007		
	Euros	Units	ABP	Euros	Units	ABP
DIP	XX%	XX%	-XX%	XX%	XX%	-XX%
Keylock	XX%	XX%	-XX%	XX%	XX%	XX%
Push Button	-XX%	-XX%	XX%	XX%	-XX%	XX%
Rocker	XX%	XX%	XX%	-XX%	XX%	-XX%
Slide	XX%	XX%	-XX%	XX%	XX%	XX%
Snap Action	-XX%	-XX%	XX%	-XX%	-XX%	XX%
Tact	XX%	XX%	-XX%	-XX%	-XX%	-XX%
Toggle	XX%	XX%	-XX%	XX%	XX%	-XX%
Total	XX%	XX%	-XX%	-XX%	-XX%	XX%

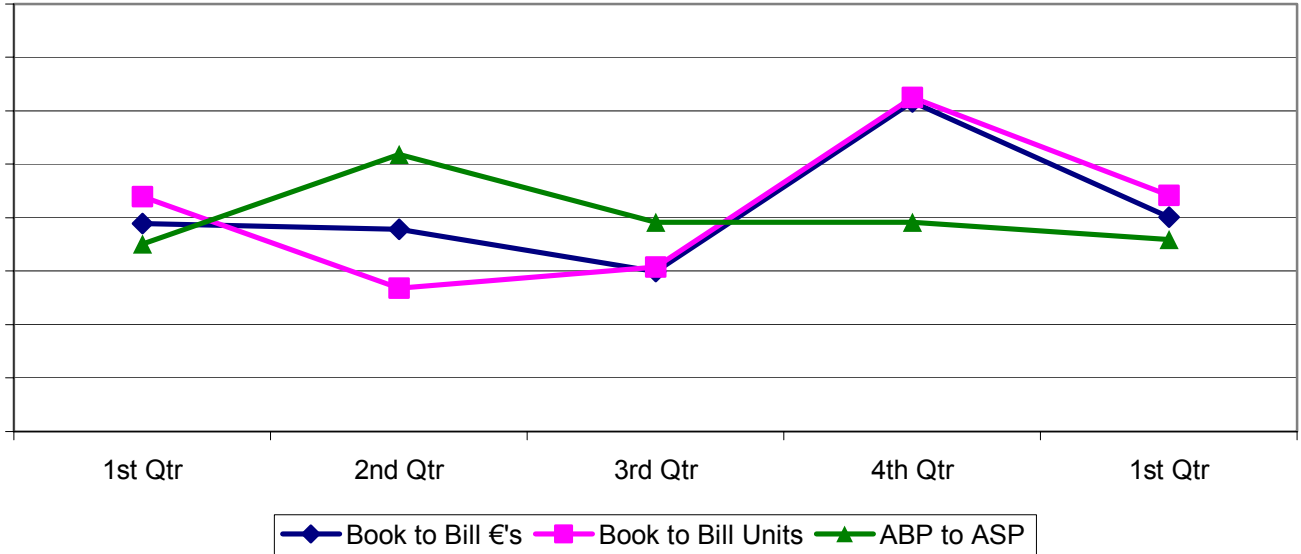
The graph below shows total quarterly sales and bookings in dollars and units for the reported data since Q1 CY 2007. All sales and booking measures were at a period high in Q1 of 2007. Bookings hit a low in Q3 of last year and have improved in each quarter since then. Sales reach a low in Q4 and saw good improvement in Q1 .

CY 2007/2008 Total Reported European Switch Sales & Bookings



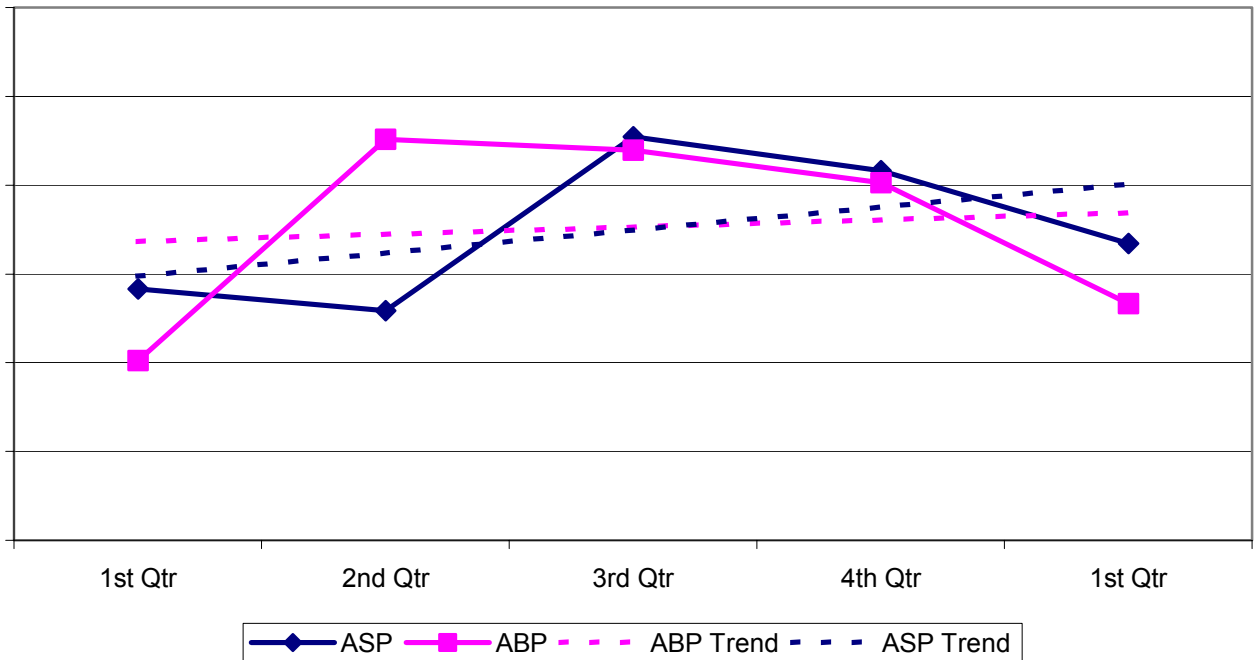
Book-to-bill dollars and units declined through Q3 and jumped in Q4 then settled just above 1.0. The ABP-to-ASP remained steady near 1.0 except for a jump higher in Q2 of last year.

CY 2007/2008 Total Reported European Switch Market Ratios



For the period, booking prices peaked in Q2 of 2007 and have generally declined since then. Selling prices hit a high in Q4 of last year and have fallen some since then

CY 2007/2008 Total Reported European Switch Prices



Note the price graphs above have trends included for the average selling and average booking prices. All of the price graphs will include either linear or polynomial regression analysis to show the trend of prices.

The two tables below show the breakdown of total reported sales and bookings by switch type.

Total Reported Q1 CY 2008 Sales by Type Versus Last and Same Qtr CY 2007

Category	Q1 CY 2008			Q4 CY 2007			Q1 CY 2007		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
DIP	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Keylock	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Push Button	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Rocker	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Slide	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Snap Action	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Tact	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Toggle	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Total	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €

Total Reported Q1 CY 2008 Bookings by Type Versus Last and Same Qtr CY 2007

Category	Q1 CY 2008			Q4 CY 2007			Q1 CY 2007		
	Euros	Units	ABP	Euros	Units	ASP	Euros	Units	ABP
DIP	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Keylock	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Push Button	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Rocker	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Slide	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Snap Action	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Tact	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Toggle	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €
Total	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €

Sales and bookings are reported by type and sub category. The detail of this and the resulting book-to-bill and ABP-to-ASP ratios will be reported in the following sections.

DIP Switch Sales and Bookings for Q1 CY 2008

Total reported sales for Q1 CY 2008 for DIP switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales were C&K, Knitter, NKK and Omron. Based on the sales of these manufacturers and estimates for those not yet reporting, the total European DIP switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales for CY 2007 for DIP switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for those not yet reporting, the total European DIP switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Rotary	XXXX M €	XX %	XXXX M	XX %	XXXX €
Half-Pitch	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Rotary	XXXX M €	XX %	XXXX M	XX %	XXXX €
Half-Pitch	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Sales for Q1 CY 2008 compared to Q4 CY 2007 show overall gains in euros and units of XX% and XX% respectively. Only rotary euros were down and only slightly, XX%. ASP was up for half-pitch but that was the only increase in that measurement leading to a XX% decline overall.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Rotary	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	XX %	-XX %
Half-Pitch	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %
Standard	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %

When comparing bookings for Q1 CY 2008 versus Q4 CY 2007, the overall results were similar with euros and units up and ABP down. The gains were much greater this time with euros up XX% and units XX%. ABP losses from half-pitch and standard dragged down the overall ABP by XX%.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Rotary	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Half-Pitch	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Standard	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %

Compared to Q1 CY 2007 for sales, there was a mix of red and black. Overall euros were down XX% and units were up XX%. In both cases, rotary and half-pitch were down and standard was up. ASP was up XX% despite rotary and standard both less than they were in the same quarter last year.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Rotary	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Half-Pitch	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%
Standard	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%

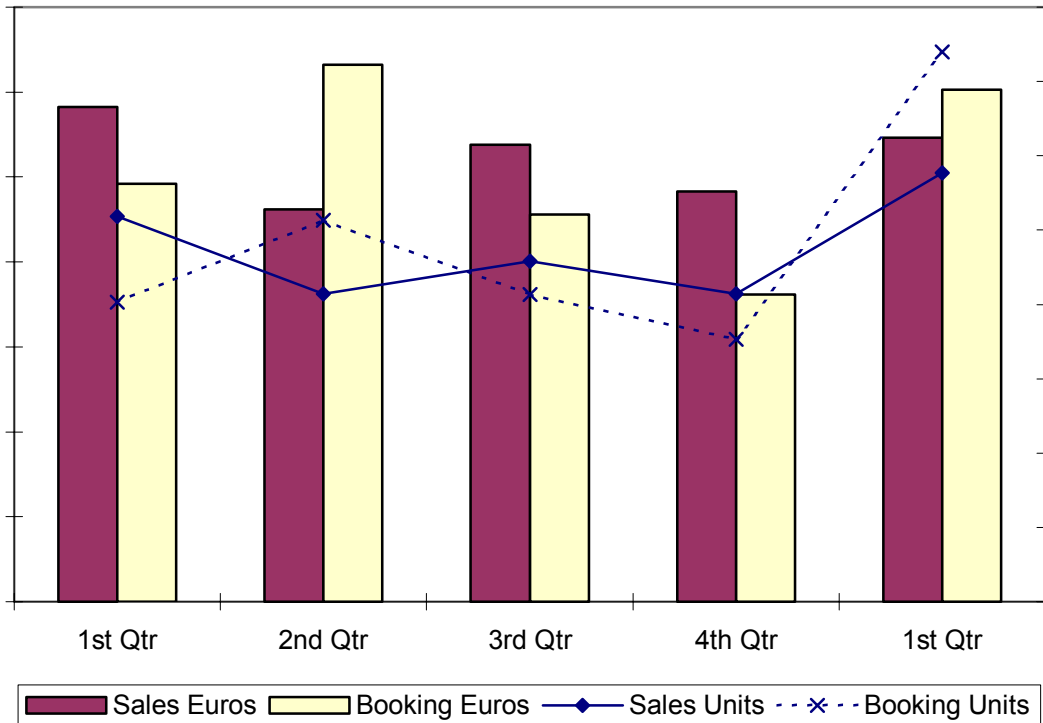
Q1 CY 2008 total euros and units were both up, XX% and XX% respectively, with big contributions from all three categories. ABP was down when compared to Q1 CY 2007, declining overall by XX%.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Rotary	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Half-Pitch	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Standard	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX %

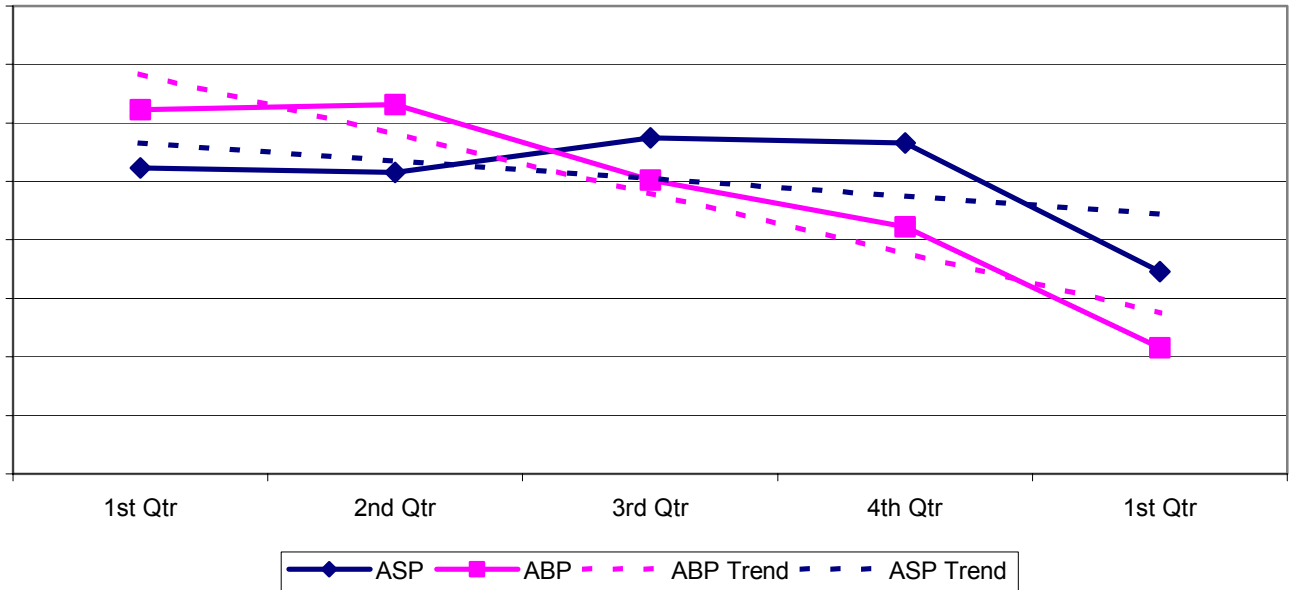
The chart below shows the sales and bookings in euros and units for the reported total DIP switch market during the past five quarters. All measurements stepped up nicely following declines last quarter compared to the Q3 CY 2007.

CY 2007/2008 Total DIP Sales & Bookings



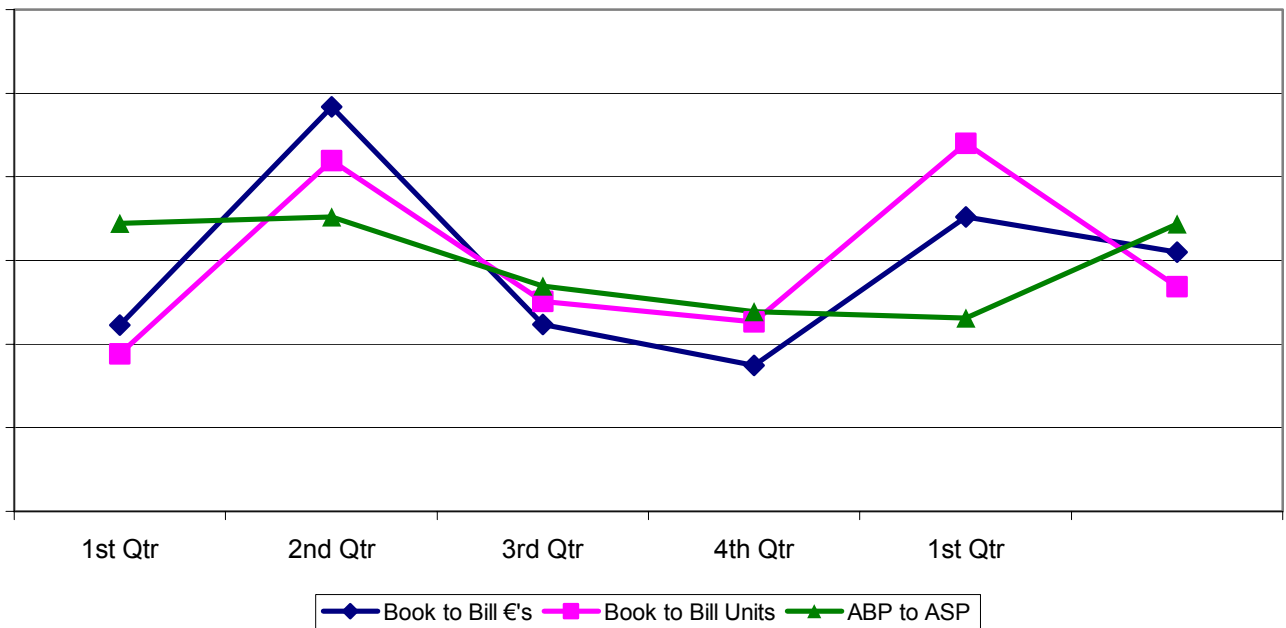
The ASP and ABP for Q1 CY 2008 both dropped in a parallel fashion securing their overall downward trends.

CY 2007/2008 Prices for Total DIP



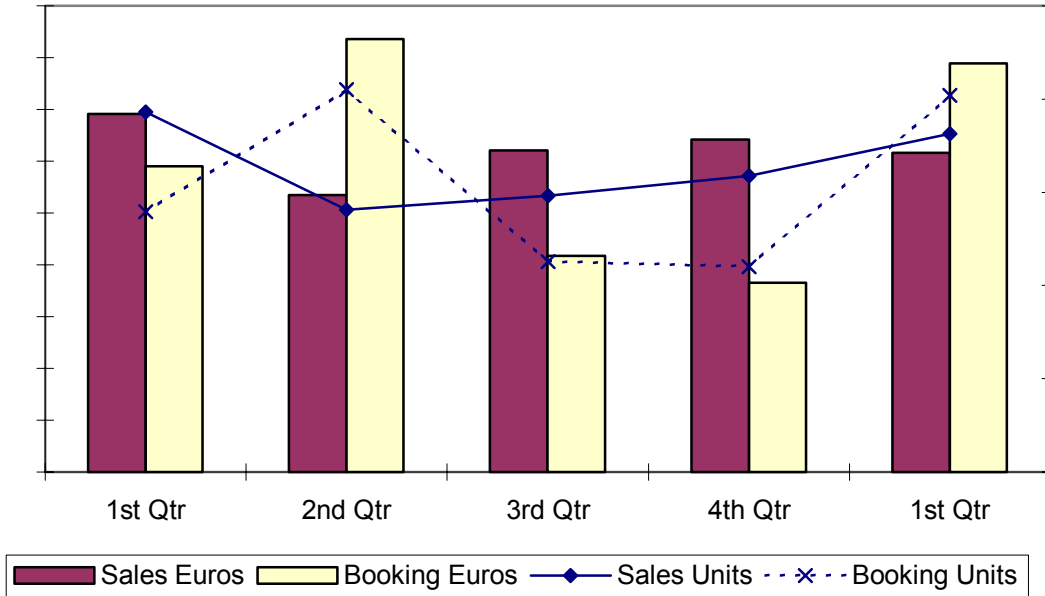
All three ratios moved together this quarter resting between XXXX and XXXX for Q1 CY 2008.

CY 2007/2008 Ratios for Total DIP

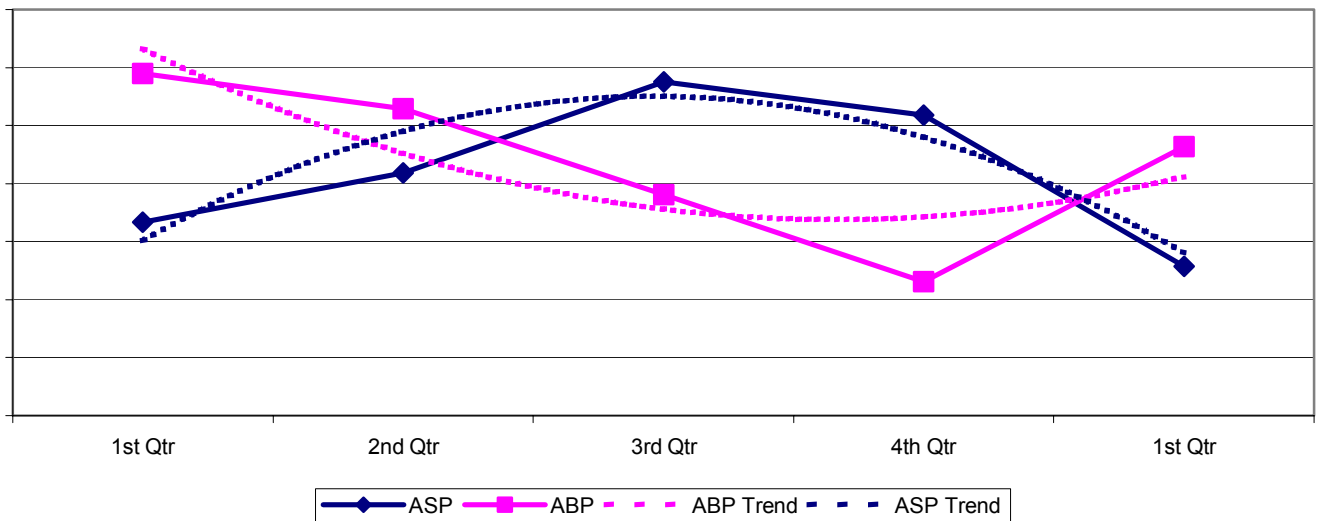


The following graphs show quarterly performance for each category of DIP switch. The total rotary results show the two booking measurements reaching respectable highs for this time frame while the sales units increased slightly and the sales euros dropped slightly. The ASP and ABP nearly exchanged positions from last quarter. The overall ABP is curving upward while the ASP is curving downward.

CY 2007/2008 Total Rotary DIP Sales & Bookings

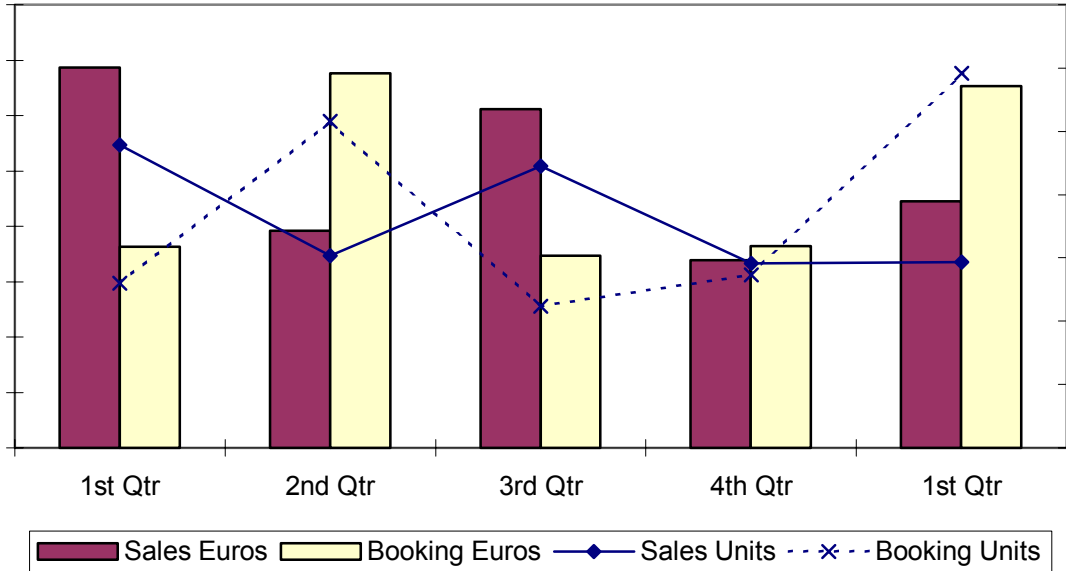


CY2007/2008 Rotary DIP Prices

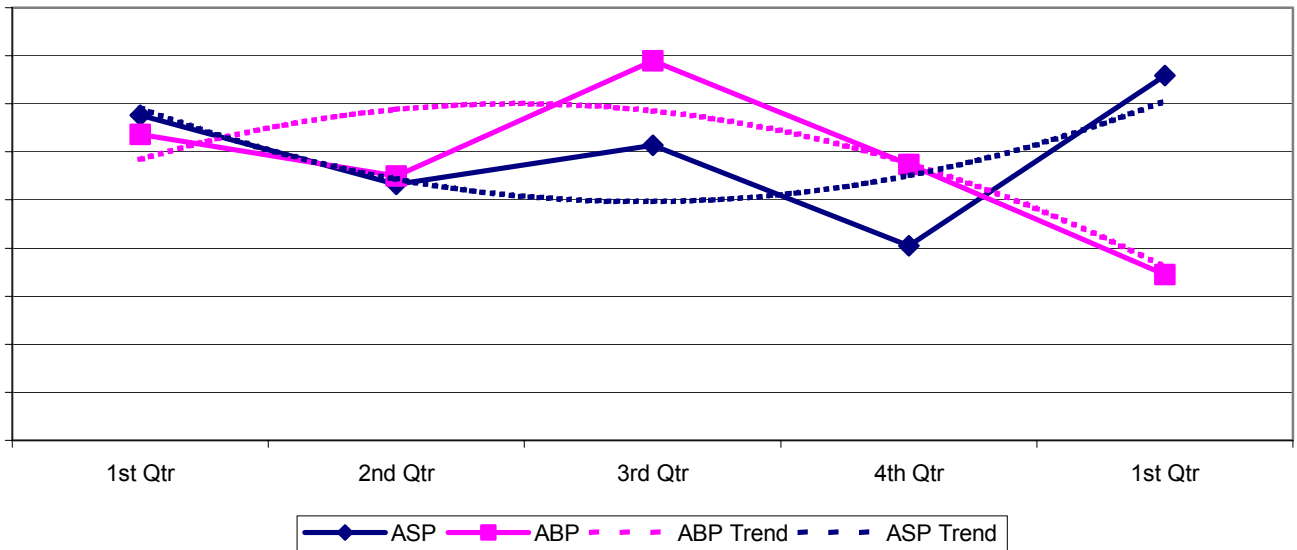


The sales units for half-pitch DIP reached a plateau this quarter, still resting as low as last quarter. All other measurements improved over last quarter, particularly the booking measurements which far exceeded values seen in the last two quarters. The ASP trend curved slightly upward while the ABP did precisely the opposite.

CY 2007/2008 Total Half Pitch DIP Sales & Bookings

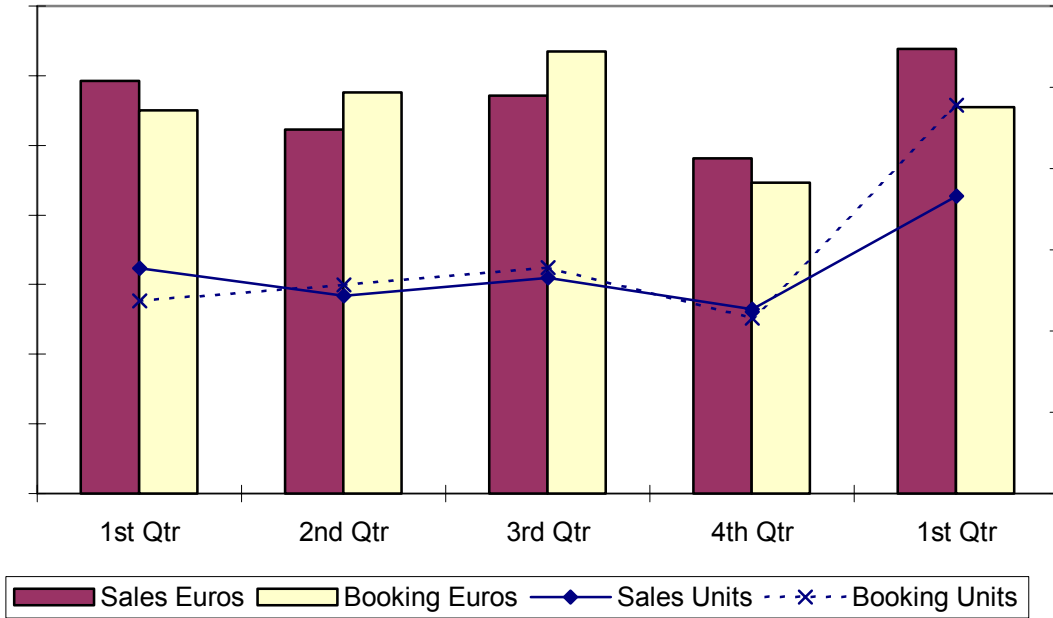


CY 2007/2008 Half Pitch DIP Prices

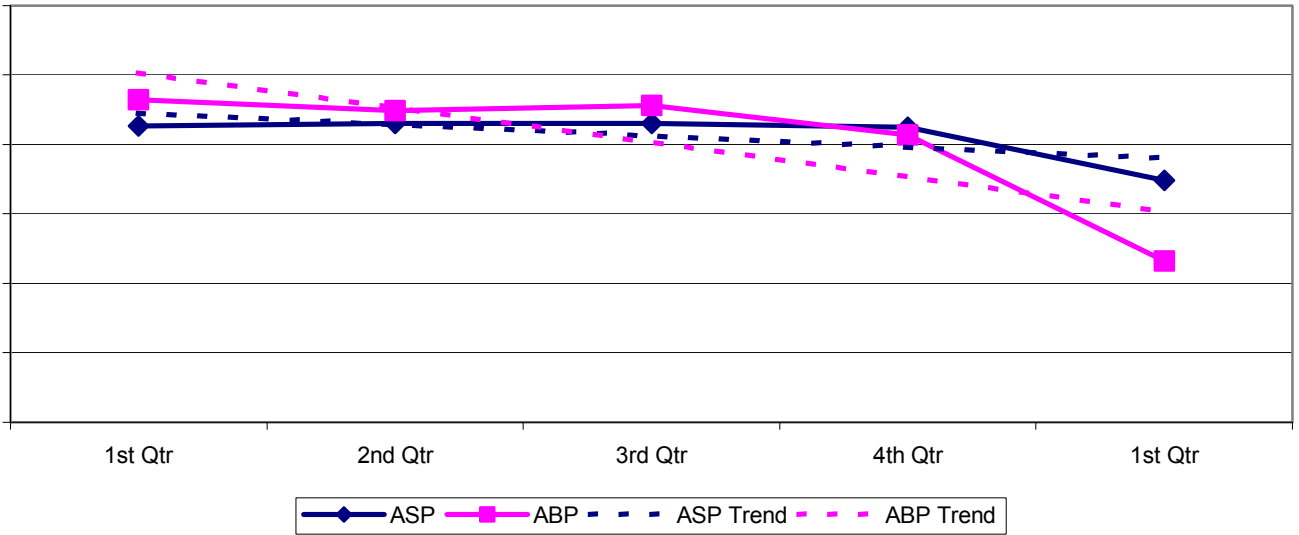


Standard DIP switch measurements were improved over last quarter, moving to respectable values for all four measurements. The ASP and ABP trend curves continued a gentle slope downward.

CY 2007/2008 Total Standard DIP Sales & Bookings



CY 2007/2008 Standard DIP Prices



Q1 CY 2008 Total Reported DIP Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Rotary					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Half-Pitch					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard					
Sales Euros	XXXXXXXX €	Sales Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Sales Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Totals					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX

Keylock Switch Sales and Bookings for Q1 CY 2008

Total reported sales in Q1 CY 2008 for keylock switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings were C&K, Honeywell, Johnson Electric, Knitter, NKK, and Rafi. Based on the sales of these manufacturers and estimates for those not yet reporting, the total European keylock switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales in CY 2007 for keylock switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for those not yet reporting, the total European keylock switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Sales for Q1 CY 2008 compared to Q4 CY 2007 show the keylock switch losing ground in overall euros and ASP by XX% and XX% respectively. For units, the standard/industrial category was essentially the same as last quarter so miniature's XX% improvement moved the measurement up by 3%.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	XX %	-XX %
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	XX %	-XX %

Booking results for standard/industrial switches were positive for euros and units and negative for ABP when compared to Q4 CY 2007. Both categories contributed in the same direction to boost euros by XX%, units by XX%, and to drop ABP by XX%.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %

When comparing Q1 CY 2008 to Q1 CY 2007 for sales, results were less optimistic. The standard/industrial category showed declines across the board. Together the categories produced a XX% decline in euros, a XX% drop in units, and a XX% increase in ASP.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %

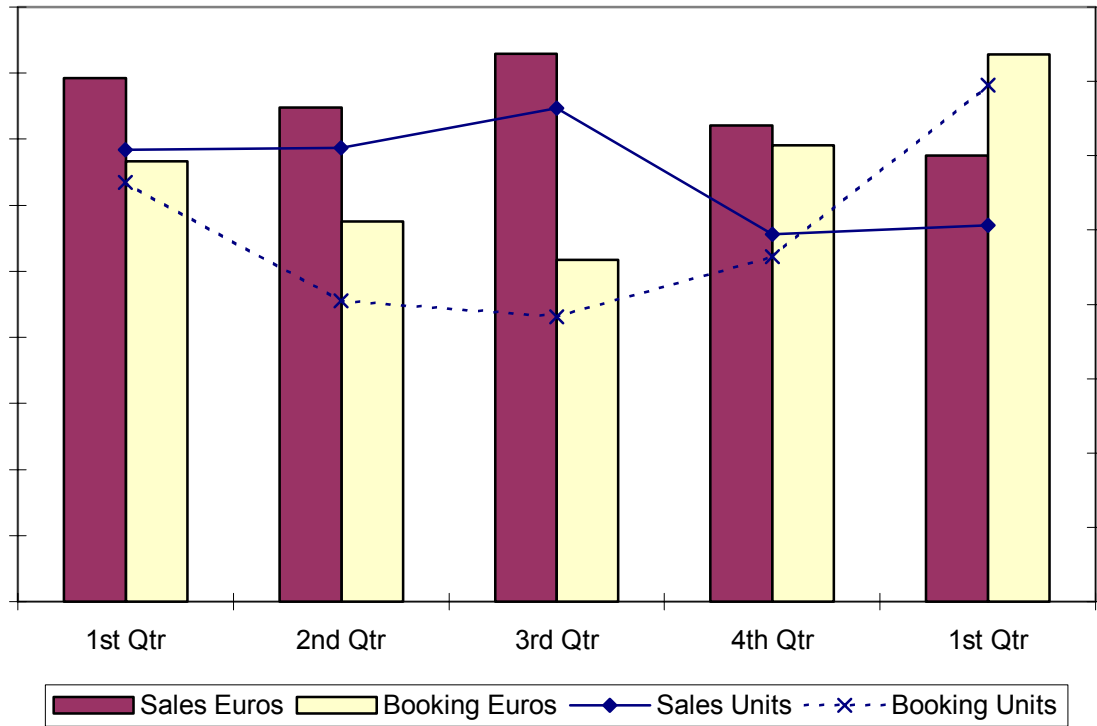
Q1 CY 2008 compared to Q1 CY 2007 for bookings, the miniature category dropped significantly. The standard/industrial faltered in ABP. Overall dollars were up XX%, units up XX%, and ABP up less than XX%.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ASB	Euros	Units	ABP
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	-XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %

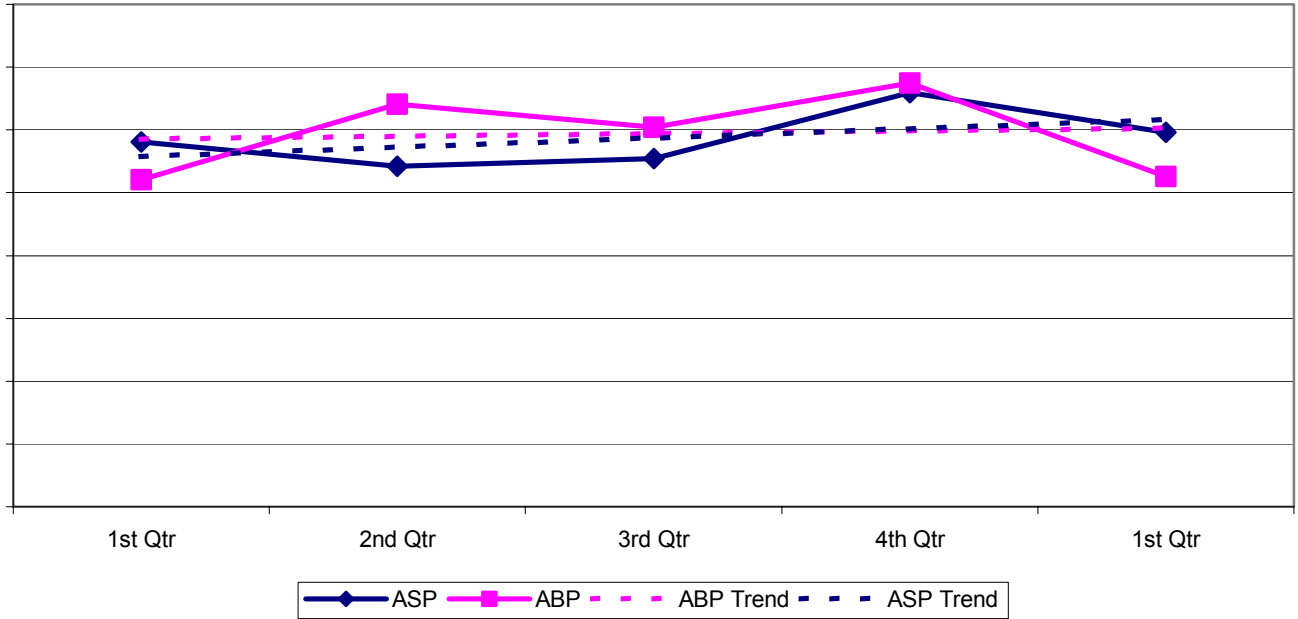
The chart below shows the sales and bookings in units and euros for the reported total keylock market for the past five quarters. The booking measurements improved to five quarter highs while the sales euros dropped and the sales units remained flat.

CY 2007/2008 Total Keylock Sales & Bookings



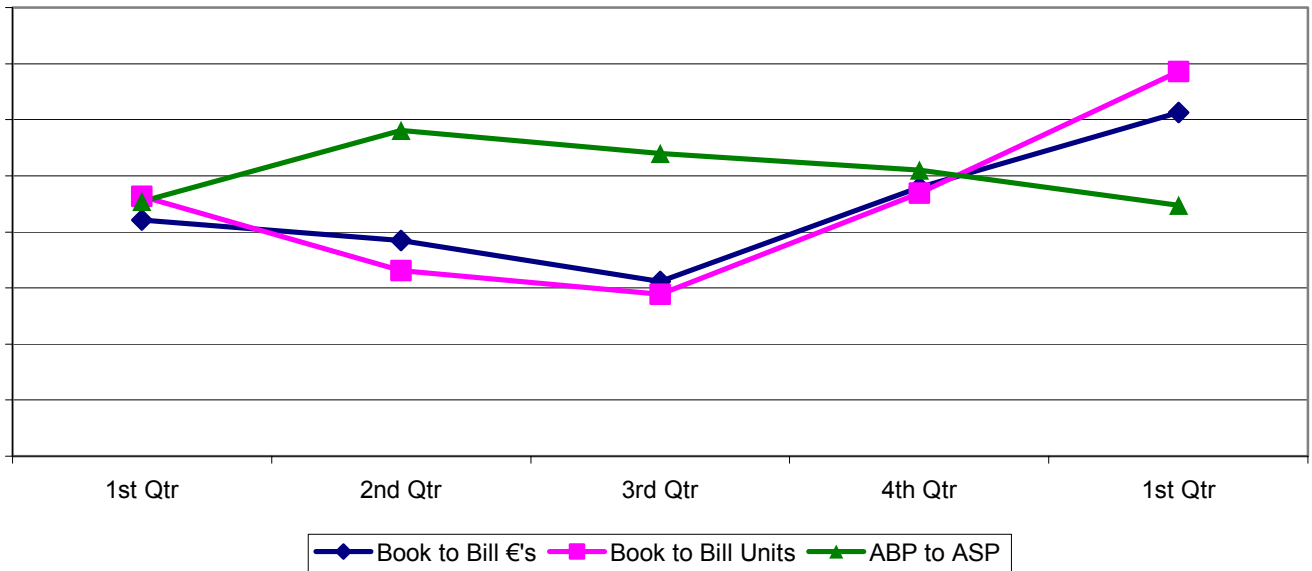
Below is the five quarter trend for ABP and ASP for the total keylock switch market. Both curves flattened at approximately XXXX euros.

CY 2007/2008 Prices for Total Keylock



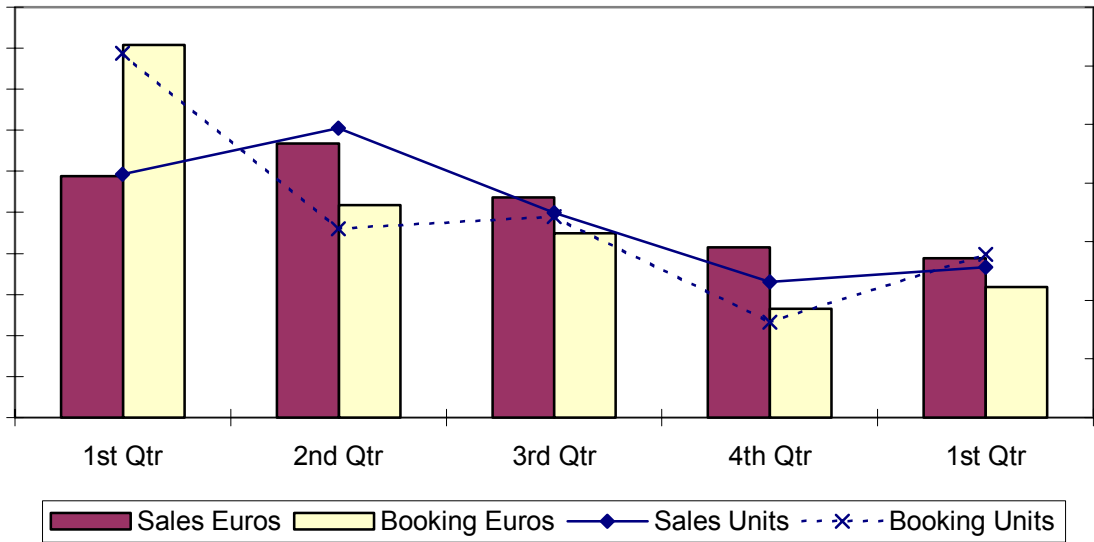
The ABP to ASP continued a slight but steady decline which began six months ago. Both the book to bill dollars and units reached above highs seen in over a year.

CY 2007/2008 Ratios for Total Keylock

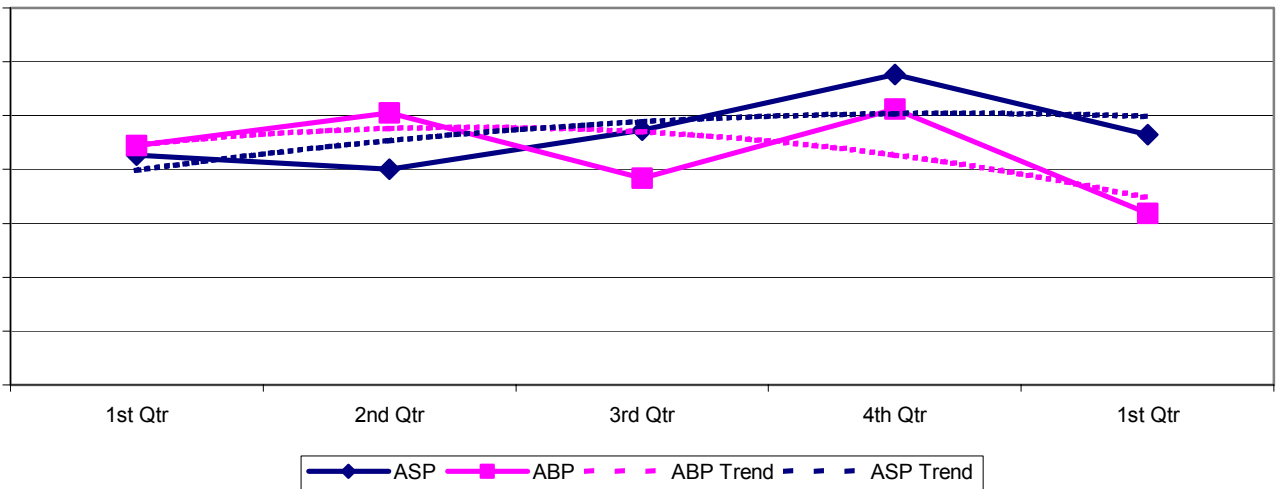


Quarterly results for each of the two product categories show the sources of the overall market trends. With a near XX% share, miniature keylock switches drove the overall segment. Sales measurements were essentially flat. The two bookings results recovered somewhat but still only a fraction of Q1 CY 2007. The ASP and ABP both dropped slightly giving the ABP a negative curve but the ASP managed to maintain its positive curve.

CY 2007/2008 Total Miniature Keylock Sales & Bookings

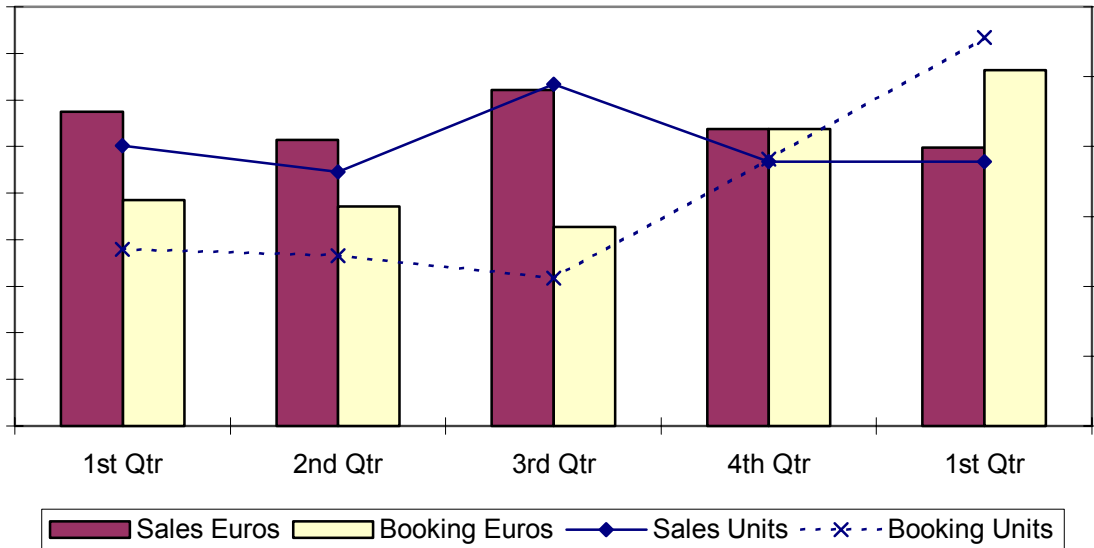


CY2007/2008 Miniature Keylock Prices

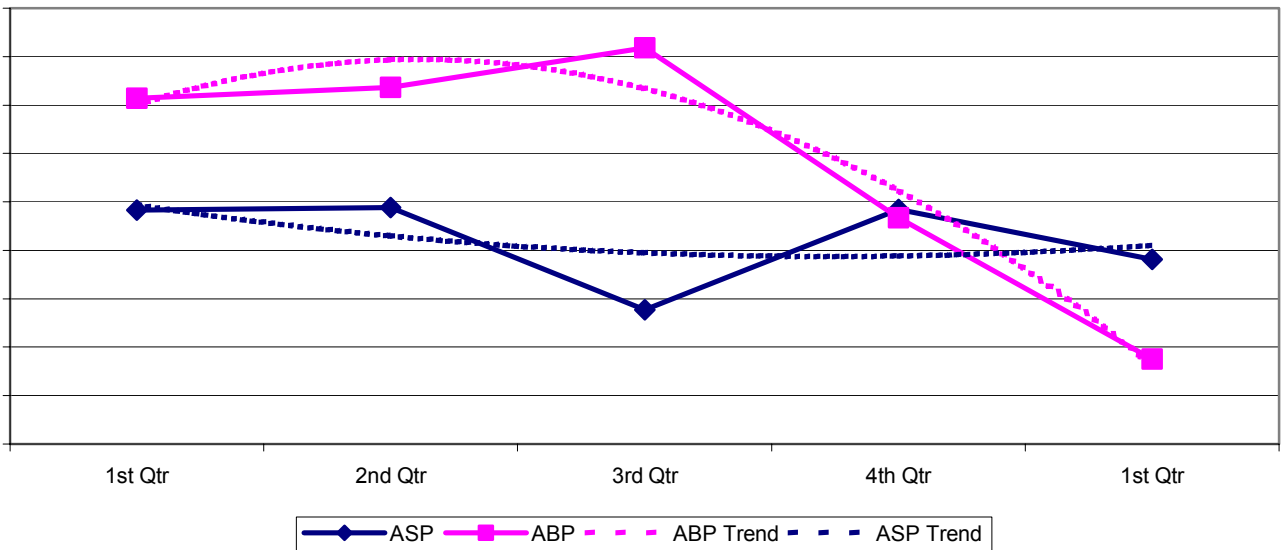


The smaller standard/industrial keylock switch category saw the booking measurements move higher than results seen while the two sales measurements either dropped slightly or remained flat. The ASP trend continued flat while the ABP started to turn downward.

CY 2007/2008 Total Standard/Industrial Keylock Sales & Bookings



CY 2007/2008 Standard Industrial Keylock Prices



Q1 CY 2008 Total Reported Keylock Switch Data

<u>Sales</u>	1st Qtr	<u>Bookings</u>	1st Qtr	<u>Ratios</u>	1st Qtr
Miniature					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX€	ABP	XXXX€	ABP to ASP	XXXX
Standard					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX€	ABP	XXXX€	ABP to ASP	XXXX
Totals					
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX€	ABP	XXXX€	ABP to ASP	XXXX

Push Button Switch Sales and Bookings for Q1 CY 2008

Total reported sales for push button switches in Q1 CY 2008 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings were C&K, Defond, Honeywell, Johnson Electric, Knitter, Marquardt, NKK, and Rafi. Based on the sales of these manufacturers and estimates for manufacturers not yet reporting, the total European push button switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales for push button switches in CY 2007 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for manufacturers not yet reporting, the total European push button switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

Appendix “A” lists each contributing manufacturer and where each of their push button switch families were placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Non-Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Non-Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Sales in Q1 CY 2008 compared to Q4 CY 2007 produced rather mixed results with at least some red in each category. Each measurement had two categories up and two down. The overall result was euros up by XX%, units up by XX%, and ASP down by XX%

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Standard/Industrial Non-Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
Standard/Industrial Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	-XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

When considering bookings for Q1 CY 2008 versus Q4 CY 2007, more mixed results were evident but with three categories down for euros and units and those same three up for ABP. The result was euros down XX%, units down XX%, and ABP up XX%.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Standard/Industrial Non-Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Standard/Industrial Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%

When comparing quarterly sales to that of a year ago, overall results were all down slightly, XX% for euros, XX% for units and XX% for ASP despite improvement in two of the four categories for both units and ASP.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Standard/Industrial Non-Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	-XX%
Standard/Industrial Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	-XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	-XX%

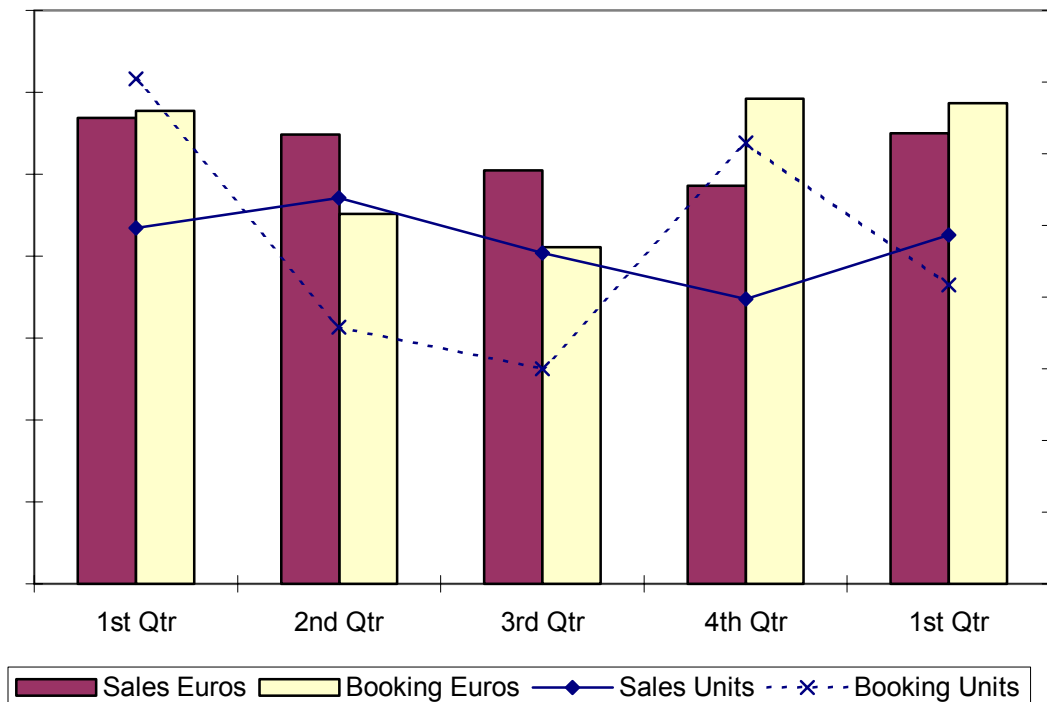
Q1 CY 2008 booking results compared to the same quarter last year showed declines in units down the column leading to a XX% overall drop. Euros were nearly flat overall, gaining less than XX%. ABP jumped an impressive XX% with a generous contribution from the standard/industrial non-illuminated category.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

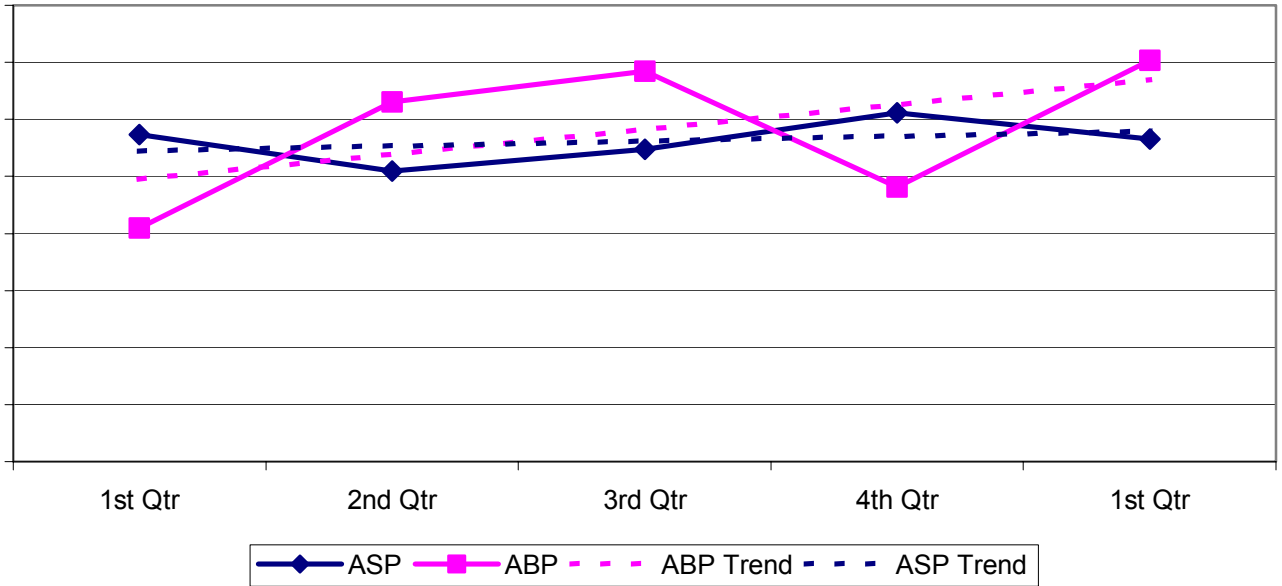
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Standard/Industrial Non-Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Standard/Industrial Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%

The chart below shows the sales and bookings in units and dollars for the total reported push button switch market over the past five quarters. Everything but booking units moved up slightly or maintained. The ASP and ABP both moved a bit from their previous position, ABP up and ASP down, but their trends still had a slightly positive slope.

CY 2007/2008 Total Push Button Sales & Bookings

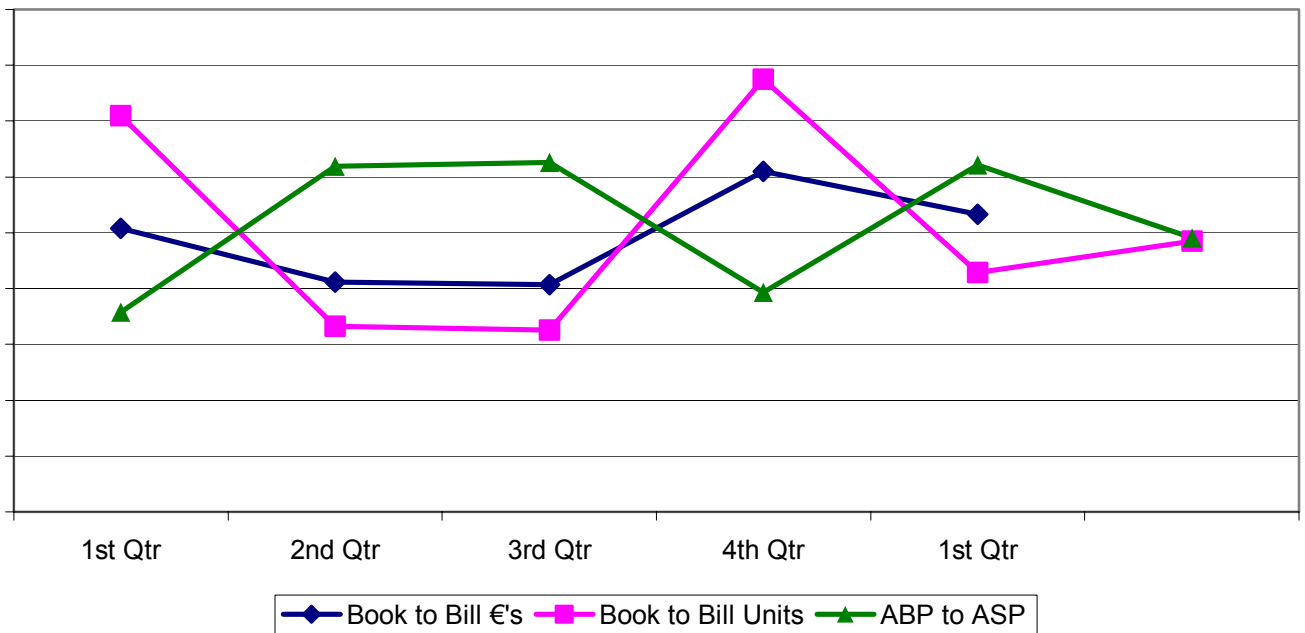


CY 2007/2008 Prices for Total Push Button



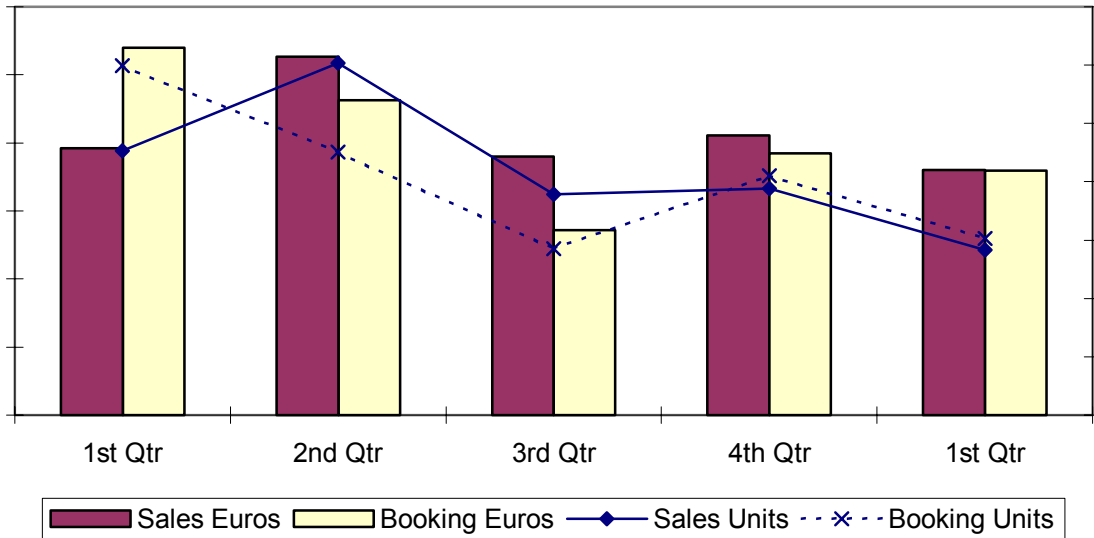
Book-to-bill euros and units both fell after jumps last quarter. The ABP to ASP moved in the opposite direction landing above XXXX.

CY 2007/2008 Ratios for Total Push Button



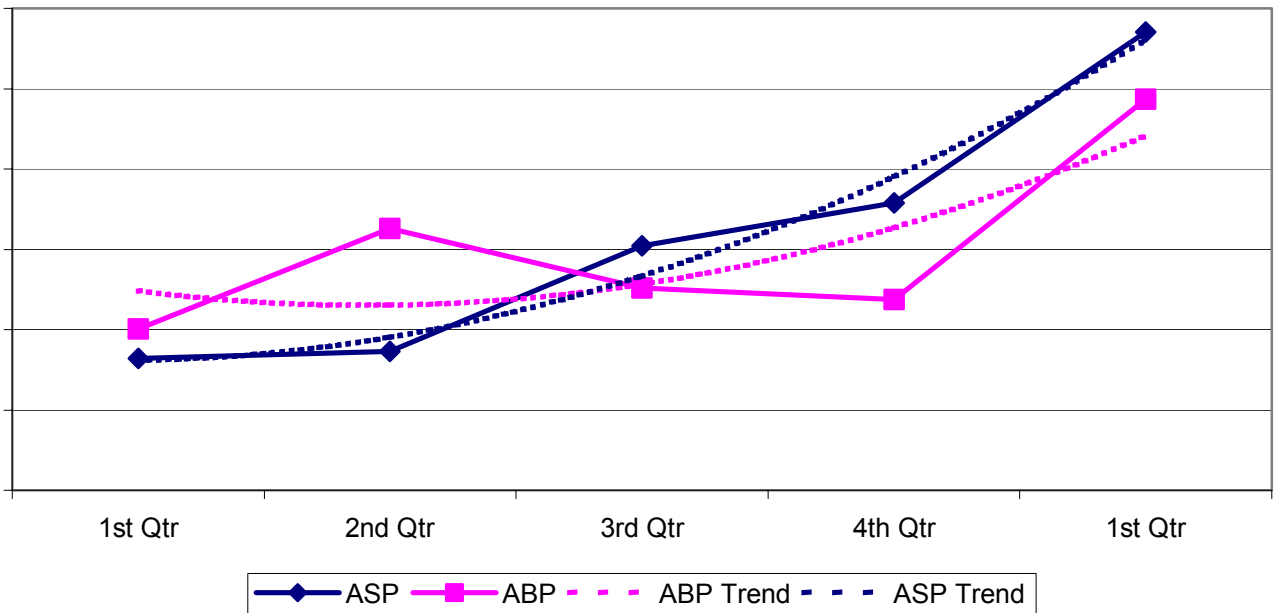
Quarterly results for each of the four product categories show the sources of the overall market trends. The first of which is subminiature push buttons. All measurements dropped a small amount from last quarter.

CY 2007/2008 Total Subminiature Push Button Sales & Bookings



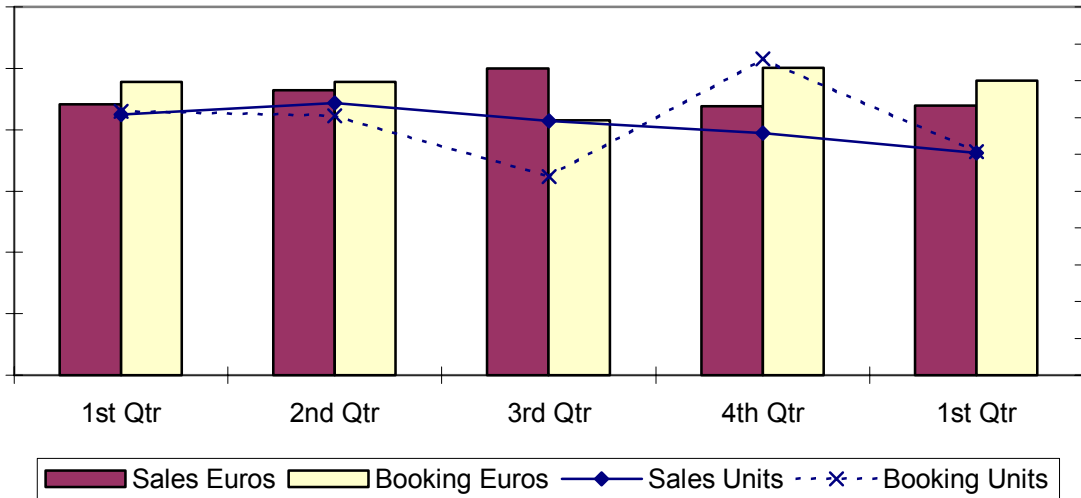
Both the ASP and ABP moved upward, the ASP landing just below XXXX euros and the ABP just below XXXX euros.

CY2007/2008 Subminiature Push Button Prices

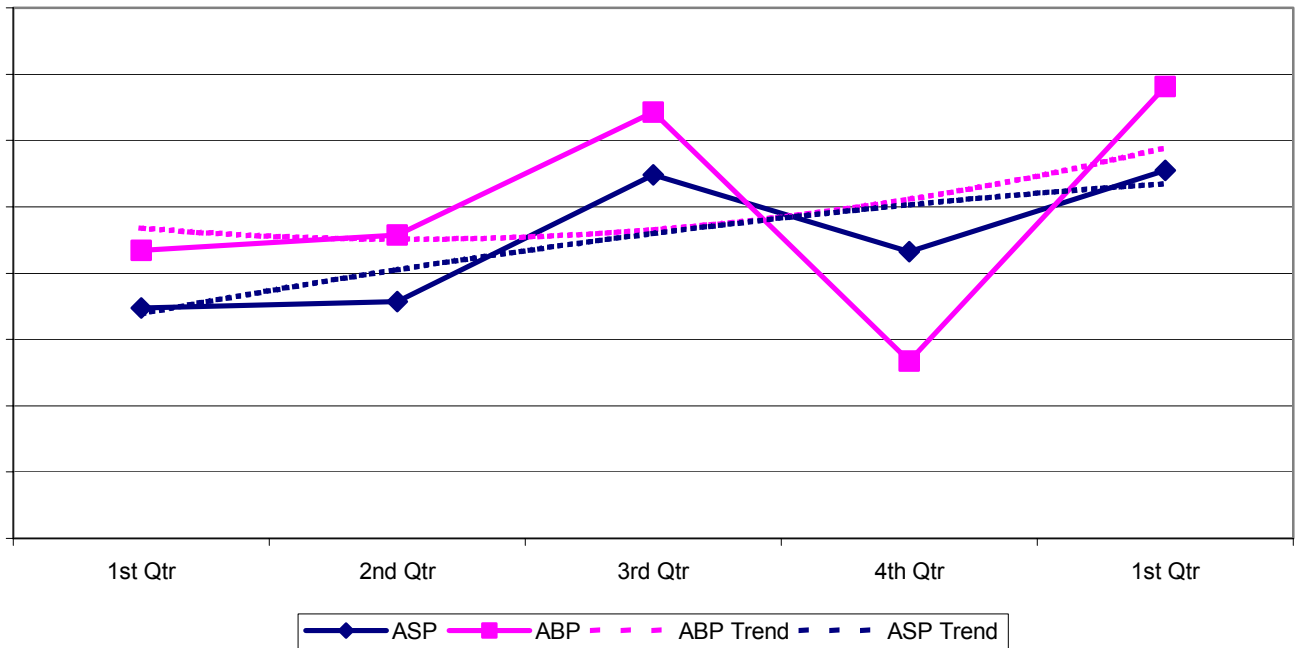


All measurements for miniature push button switches moved slightly downward or maintained their positions. The ASP and the ABP recovered nicely from dips last quarter to secure their positive trend curves.

CY 2007/2008 Total Miniature Push Button Sales & Bookings

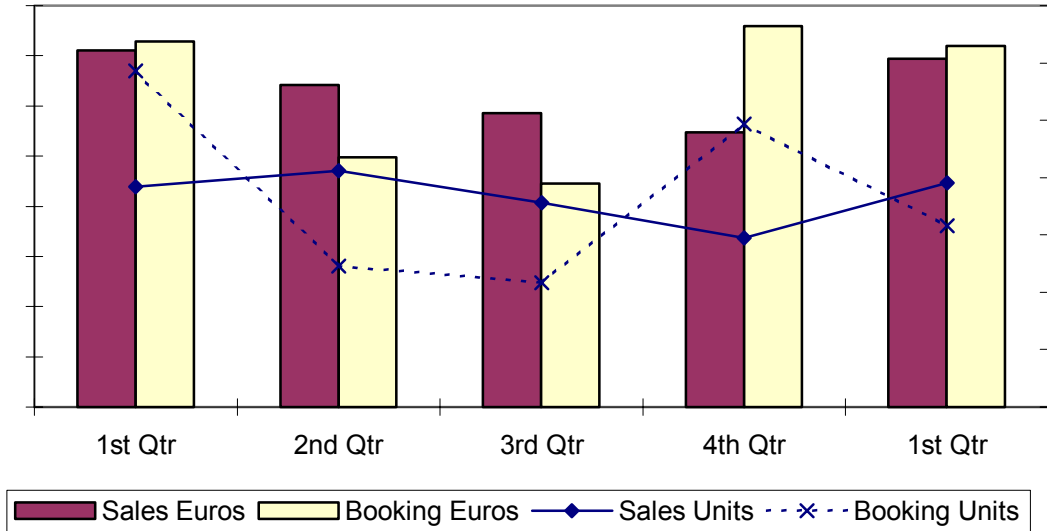


CY 2007/2008 Miniature Push Button Prices

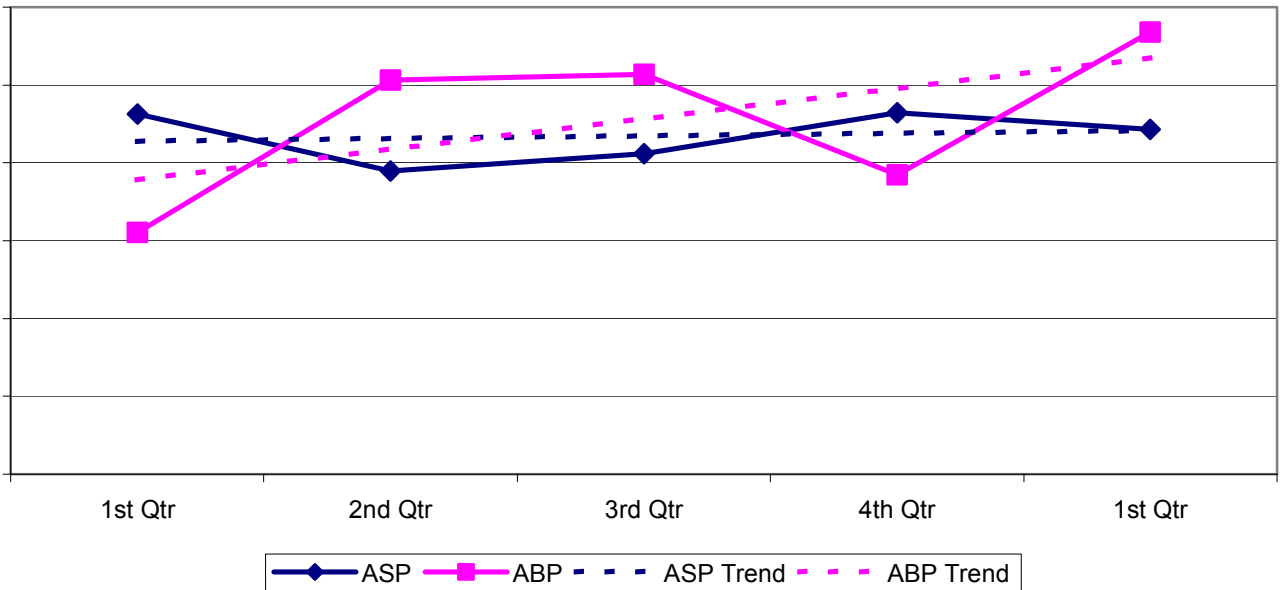


The results for the standard/industrial non-illuminated switches were up for sales and down for bookings but still all at reasonable values for this time period. The ABP and ASP both have slightly positive slopes.

CY 2007/2008 Total Standard Non-Illuminated Push Button Sales & Bookings

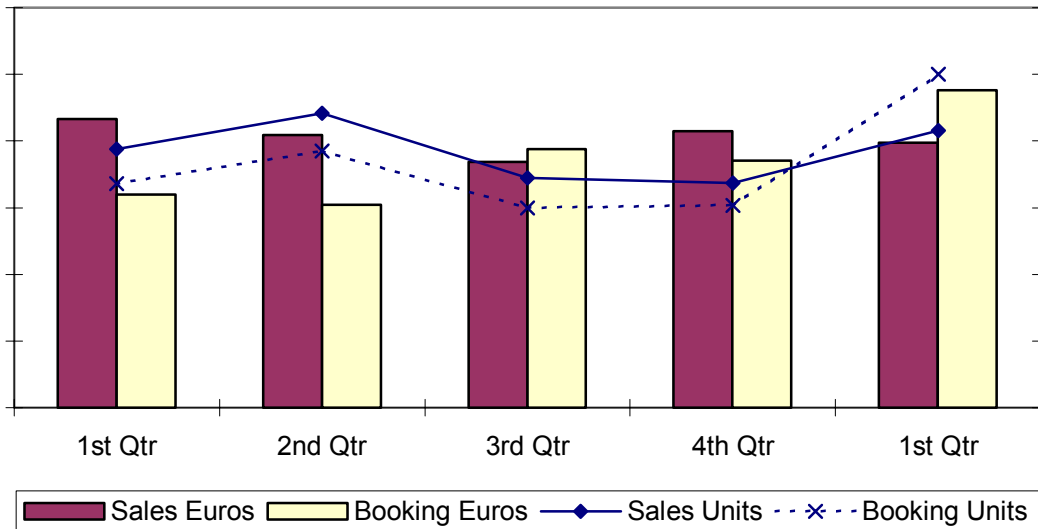


CY 2007/2008 Standard/Industrial Non-Illuminated Push Button Prices

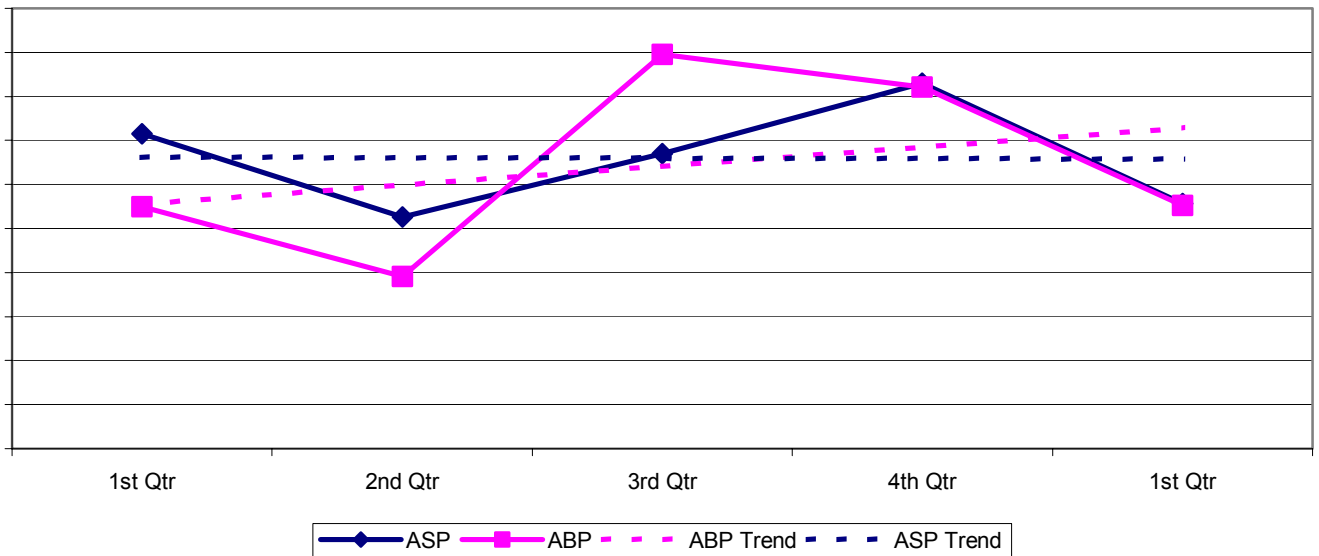


Standard/industrial illuminated results for push button switches grew at least somewhat except for sales euros that only dropped slightly. The ASP was basically flat while the ABP had a slight incline despite the plunge this quarter.

CY 2007/2008 Total Standard/Industrial Illuminated Push Button Sales & Bookings



CY 2007/2008 Standard/Industrial Illuminated Push Button Prices



Q1 CY 2008 Total Reported Push Button Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Subminiature		Subminiature		Subminiature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Miniature		Miniature		Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial Non-Illum		Standard/ Industrial Non-Illum		Standard/ Industrial Non-Illum	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial Illum		Standard/ Industrial Illum		Standard/ Industrial Illum	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Totals		Totals		Total	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX

Rocker Switch Sales and Bookings for Q1 CY 2008

Total reported sales for rocker switches in Q1 CY 2008 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings were Cherry, C&K, Defond, Honeywell, Johnson Electric, Knitter, Marquardt, and NKK. Based on the sales of these manufacturers and estimates for manufacturers not yet reporting, the total European rocker switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales for rocker switches in CY 2007 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of contributing manufacturers and estimates

for manufacturers not yet reporting, the total European rocker switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

Appendix “A” lists each reporting manufacturer and where each of their rocker switch families are placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Non-Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Non-Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Sales for Q1 CY 2008 compared to Q4 CY 2007 showed overall euros up XX%, units up XX%, and ASP down XX%. Both subminiatures and miniatures measurements were down except a XX% increase in miniature units. ASP was also down for the two standard/industrial categories.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	-XX%	-XX%
Miniature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	XX%	-XX%
Standard/Industrial Non-Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%
Standard/Industrial Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%
Total	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%

Bookings results comparing Q1 CY 2008 to Q4 CY 2007, were up overall, euros by XX%, units by XX%, and ABP by XX%. Subminiature was down in all three measurements while the miniature category was up. Notable is a XX% jump in standard/industrial illuminated units.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	-XX%	-XX%
Miniature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	XX%
Standard/Industrial Non-Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	-XX%	XX%
Standard/Industrial Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%
Total	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	XX%

When comparing quarterly sales to that of last year, results were random with at least some red in each measurement and each category. Overall euros were up XX%, units up XX%, and ASP down 4%.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	-XX%	XX%
Miniature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	XX%	-XX%
Standard/Industrial Non-Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%
Standard/Industrial Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	-XX%	XX%
Total	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%

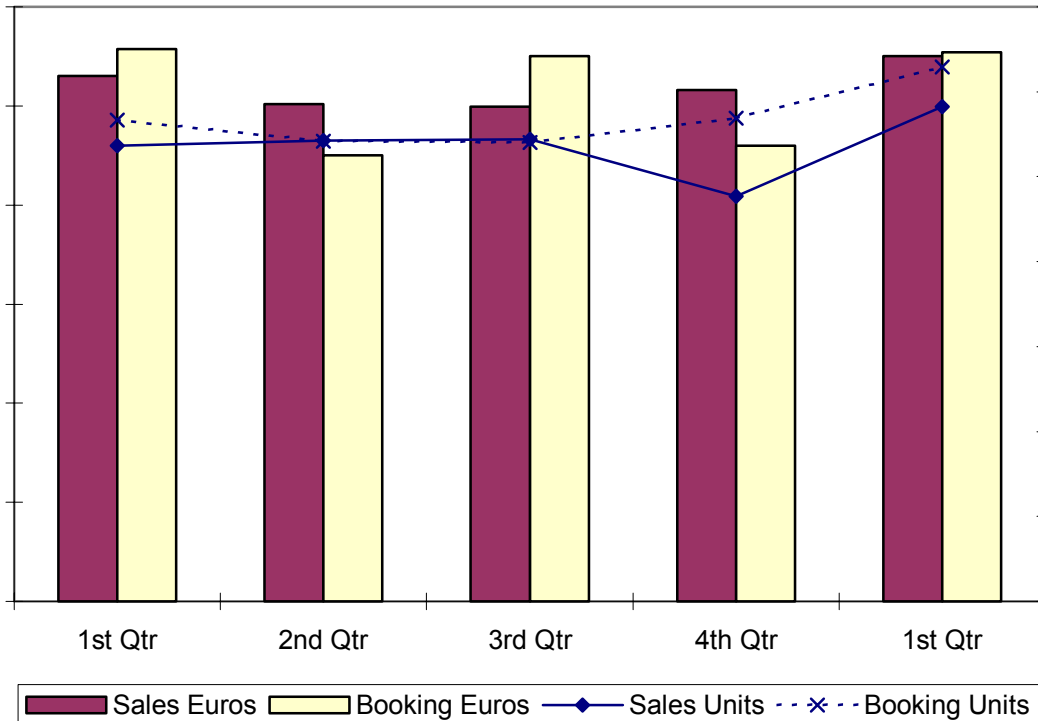
When contrasting Q1 CY 2008 booking data to data from the same quarter last year, the overall results were equally random compared to the previous sales data. Dollars were down XX%, units up XX%, and ABP down XX%.

Bookings For Q1 CY 2008 Versus Q1 CY 2007

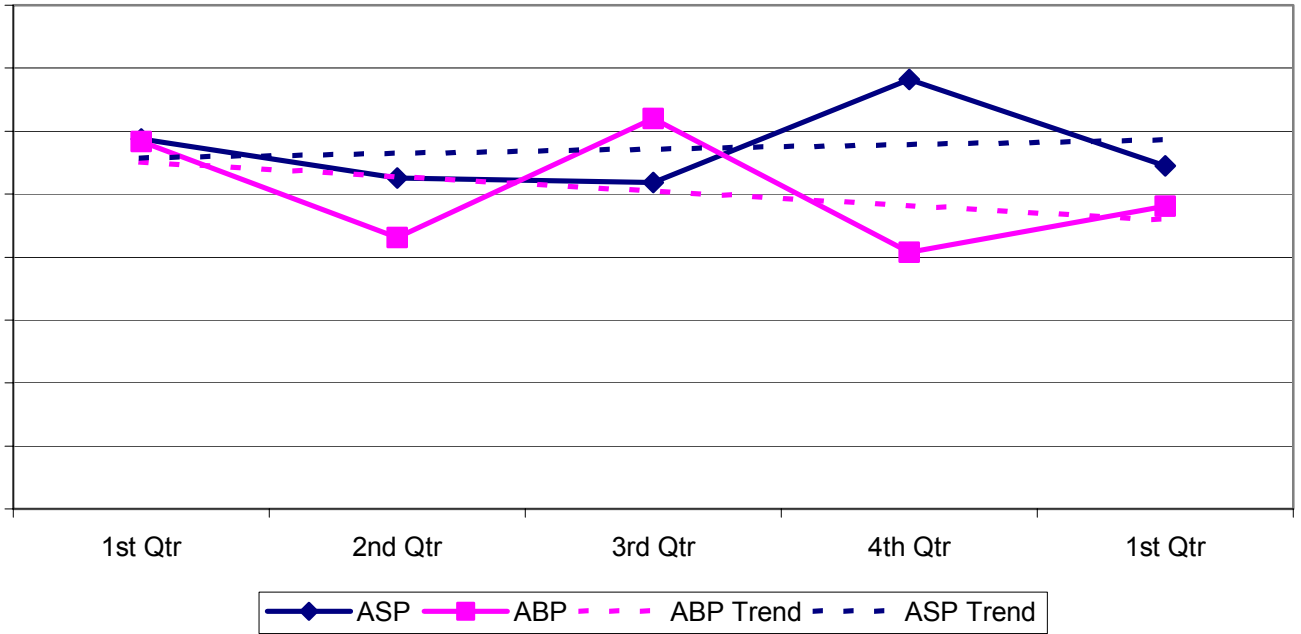
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	-XX%	-XX%
Miniature	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	XX%	XX%	-XX%
Standard/Industrial Non-Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	XX%	-XX%
Standard/Industrial Illuminated	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	-XX%	XX%
Total	XXXXM €	XXXXM	XXXX €	XXXXM €	XXXXM	XXXX €	-XX%	XX%	-XX%

The chart below shows the sales and bookings in units and dollars for the reported total rocker switch market for the past five quarters. All changes were positive. The price trends followed a basically flat line between XXXX and XXXX euros.

CY 2007/2008 Total Rocker Sales & Bookings

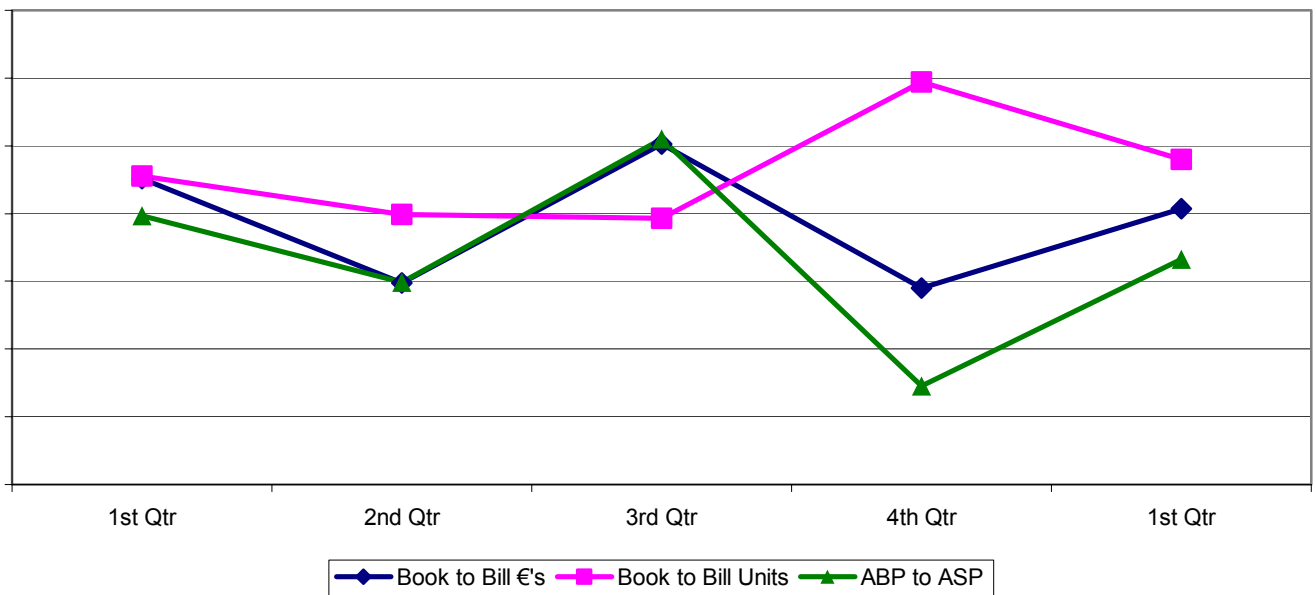


CY 2007/2008 Prices for Total Rocker



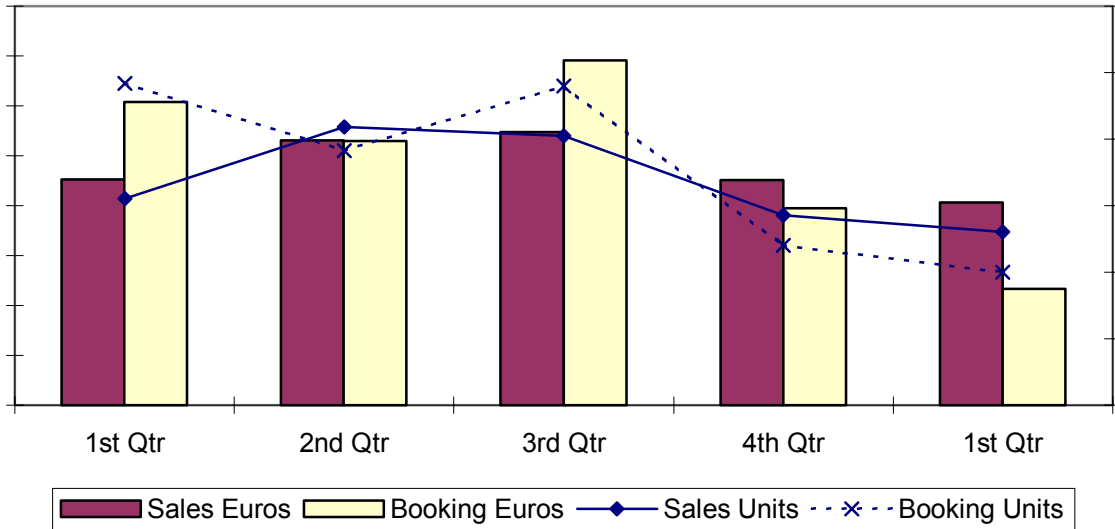
All three ratios merged together returning to values between XXXX and XXXX after last quarter's spread.

CY 2007/2008 Ratios for Total Rocker

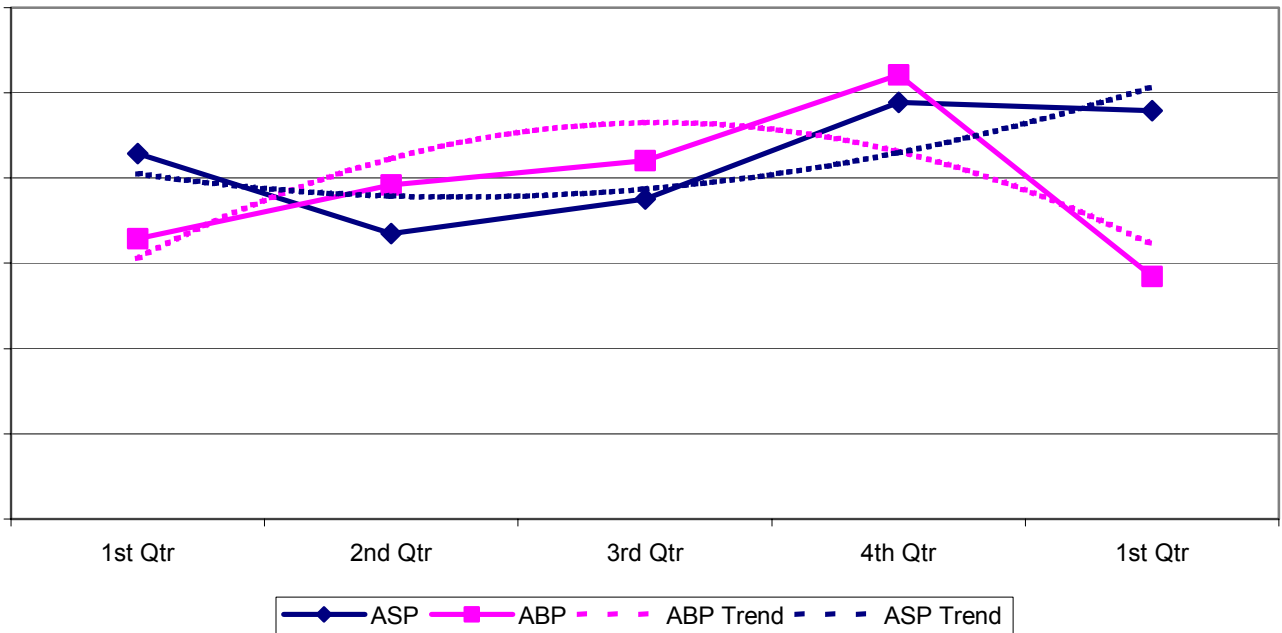


Quarterly results for each of the four product categories show the sources of the overall market trends. All measurements dropped to new lows. The ABP changed its direction downward with a drop below 1.200 euros this quarter. The ASP continued its upward climb.

CY 2007/2008 Total Subminiature Rocker Sales & Bookings

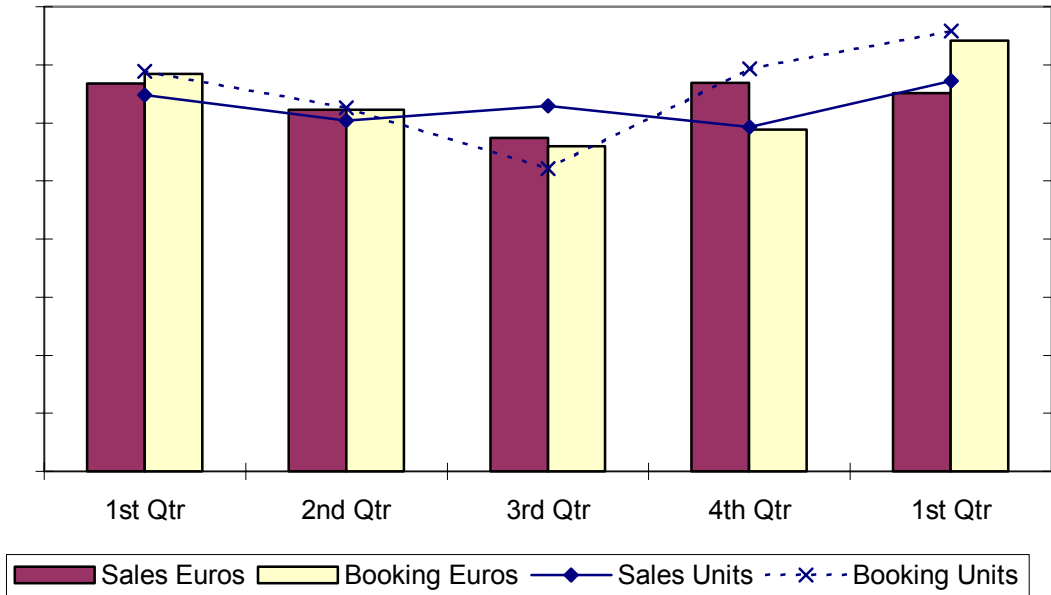


CY2007/2008 Subminiature Rocker Prices

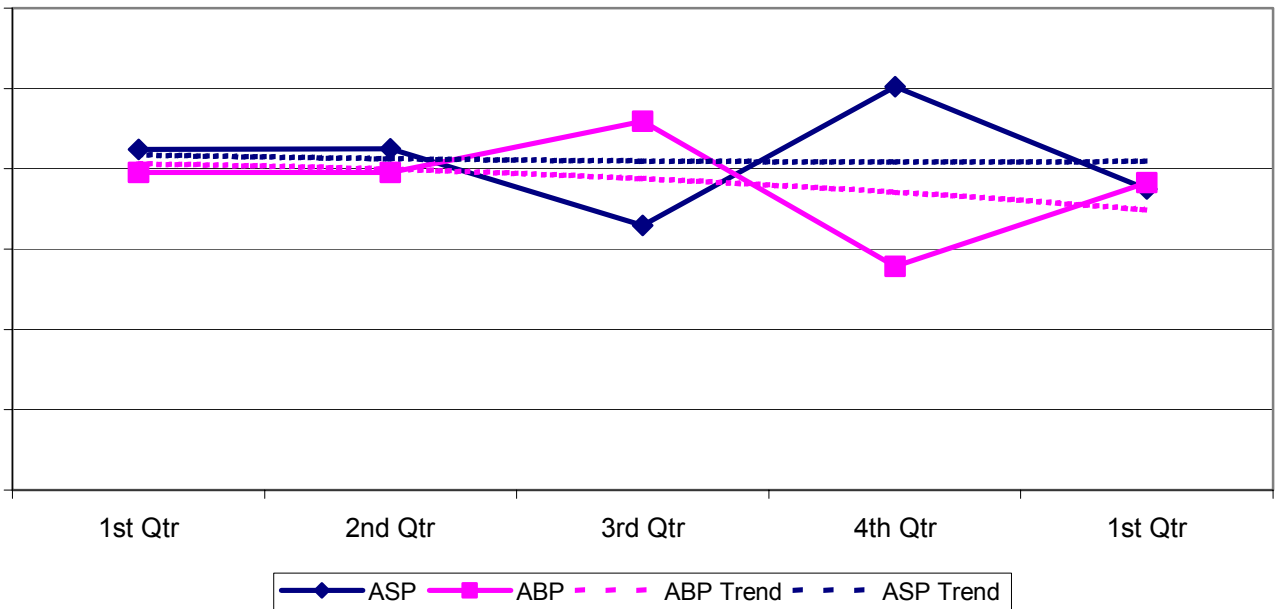


All miniature rocker switch measurements were up this quarter except sales euros which only dropped slightly. The ABP and ASP curves continued flat as both numbers rested just below 0.400 euros.

CY 2007/2008 Total Miniature Rocker Sales & Bookings

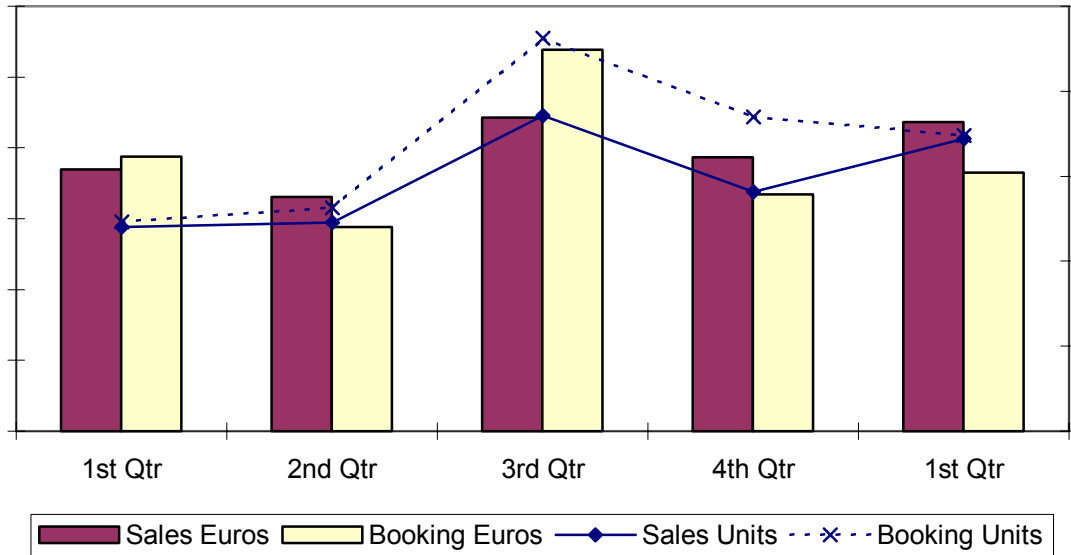


CY 2007/2008 Subminiature Rocker Prices

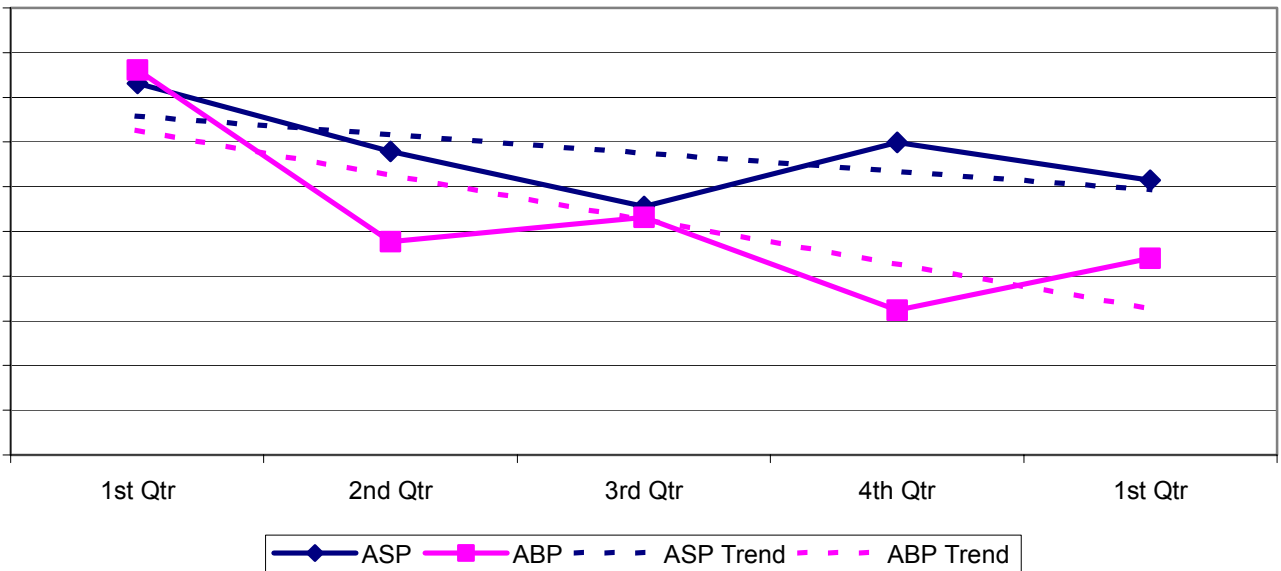


The results for standard/industrial non-illuminated rocker switches showed marked increases in all but booking units which peaked six months ago. Despite an ABP jump this quarter, which has been up and down repeatedly, both trends moved downward.

CY 2007/2008 Total Standard Non-Illuminated Rocker Sales & Bookings

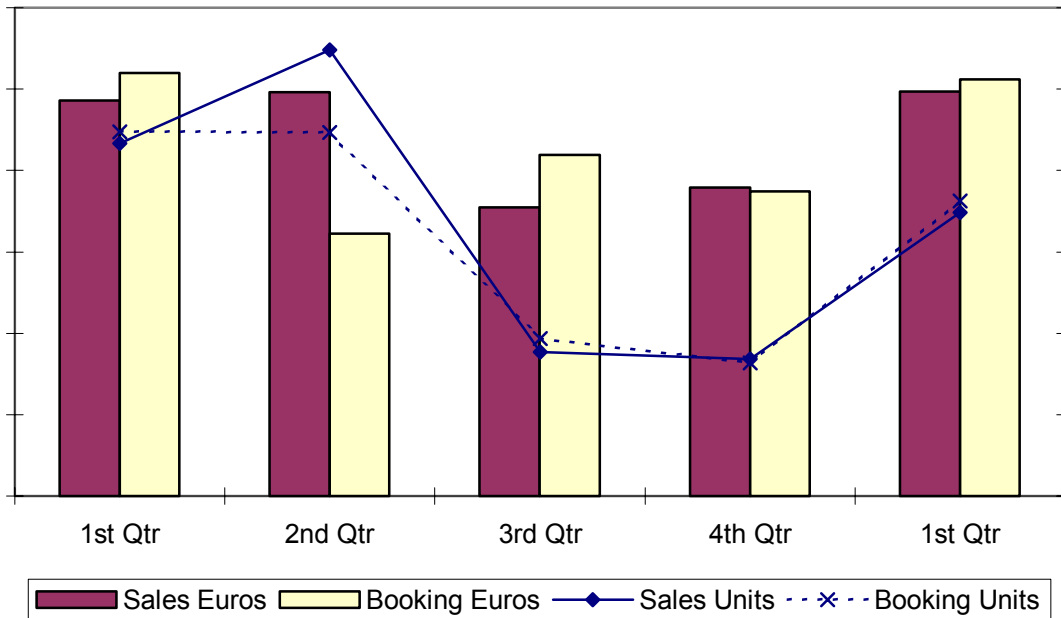


CY 2007/2008 Standard/Industrial Non-Illuminated Rocker Prices

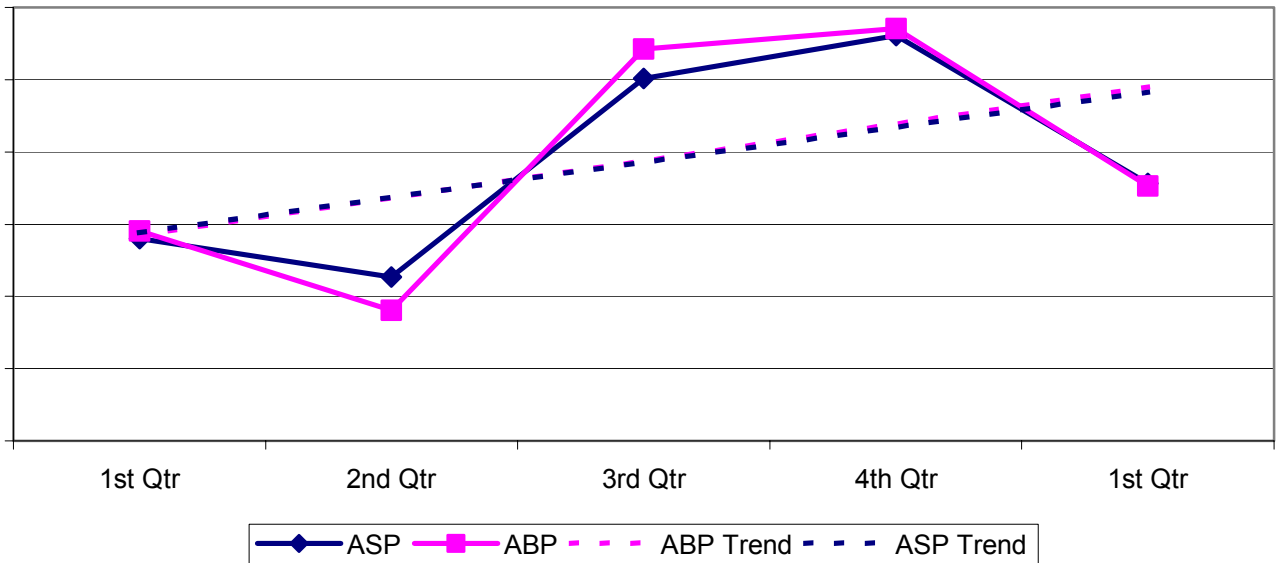


All standard/industrial illuminated rocker switch measurements improved this quarter. The ASP and ABP trends were still positive even after dropping to about 0.500 euros this quarter.

CY 2007/2008 Total Standard/Industrial Illuminated Rocker Sales & Bookings



CY 2007/2008 Standard/Industrial Illuminated Rocker Prices



Q1 CY 2008 Total Reported Rocker Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Subminiature					
Sales Euros	XXXXXX €	Booking Euros	XXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Miniature					
Sales Euros	XXXXXX €	Booking Euros	XXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial Non-Illum					
Sales Euros	XXXXXX €	Booking Euros	XXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial Illum					
Sales Euros	XXXXXX €	Booking Euros	XXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Totals					
Sales Euros	XXXXXX €	Booking Euros	XXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX

Slide Switch Sales and Bookings For Q1 CY 2008

Total reported sales for slide switches in Q1 CY 2008 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings were C&K, Defond, Johnson Electric, Knitter, Marquardt, and NKK. Based on the sales of these manufacturers and estimates for manufacturers not yet reporting, the total European slide switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales for slide switches in CY 2007 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for manufacturers not yet reporting, the total European slide switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

Appendix “A” lists each reporting manufacturer and where each of their slide switch families were placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Surface Mount	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Surface Mount	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Sales for Q1 CY 2008 compared to Q4 CY 2007 show all three measurements up overall. Euros were up XX%, units up XX% and ASP up XX% despite euros and unit losses from the standard/industrial category. The miniature category saw huge gains but this being a small category, changes are dramatic.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
Surface Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%

Slide switch bookings compared to the previous quarter saw black in all categories except subminiatures for euros and units. This led to euros up XX% and units up XX%. ABP was down XX% with two categories up and two down.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	-XX%
Surface Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

Compared to Q1 of last year, Q1 total sales euros and units were down because numbers are so small by XX% and XX% respectively. For ASP standard/industrial and subminiatures were up with the rest down leading to a XX% overall decline.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Surface Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	-XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	-XX%
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%

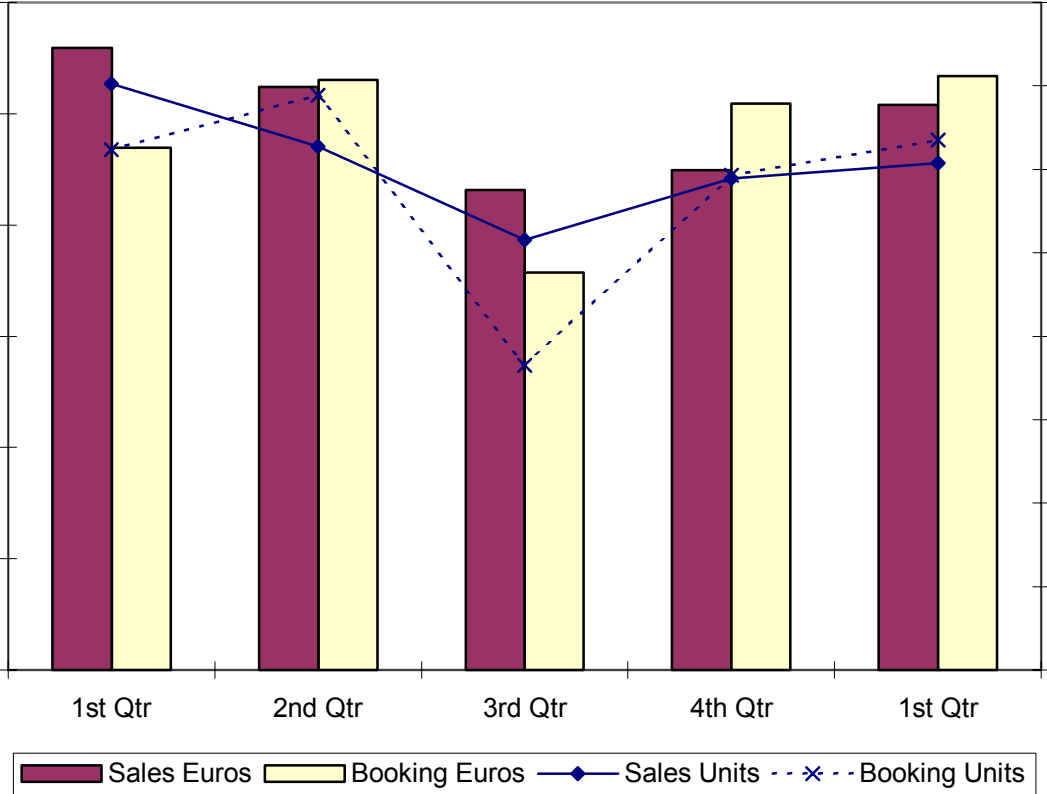
Booking results for Q1 CY 2008 compared to last year were now up for euros and units with only one category, subminiatures, off the mark. This led to a XX% euros change and a large XX% unit jump. Again the ABP was up, this time XX%, with only surface mount in the red.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

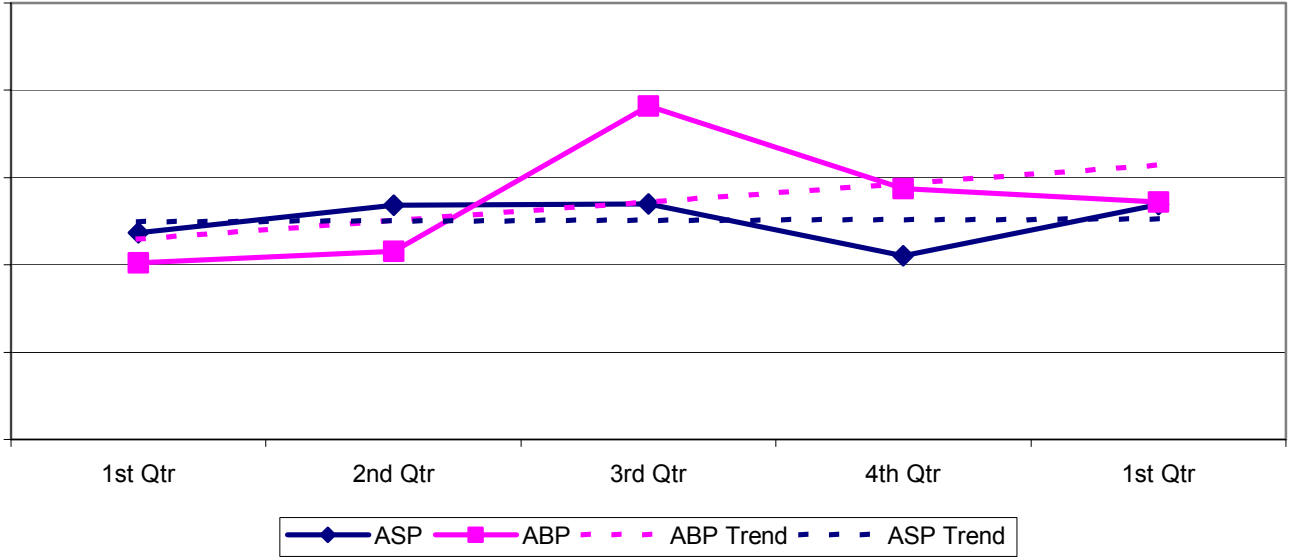
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXX M €	XXXX M	XXXX €	-XX%	-XX%	XX%
Surface Mount	XXXX M €	XXXX M	XXXX €	XXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
Miniature	XXXX M €	XXXX M	XXXX €	XXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Standard/Industrial	XXXX M €	XXXX M	XXXX €	XXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXX M €	XXXX M	XXXX €	XX%	XX%	XX%

The chart below shows the sales and bookings in units and euros for the reported total slide switch market for the past five quarters. Everything was up at least slightly from last quarter. The ASP maintained a zero slope while the ABP managed a slightly upward slope even with two consecutive declines.

CY 2007/2008 Total Slide Sales & Bookings

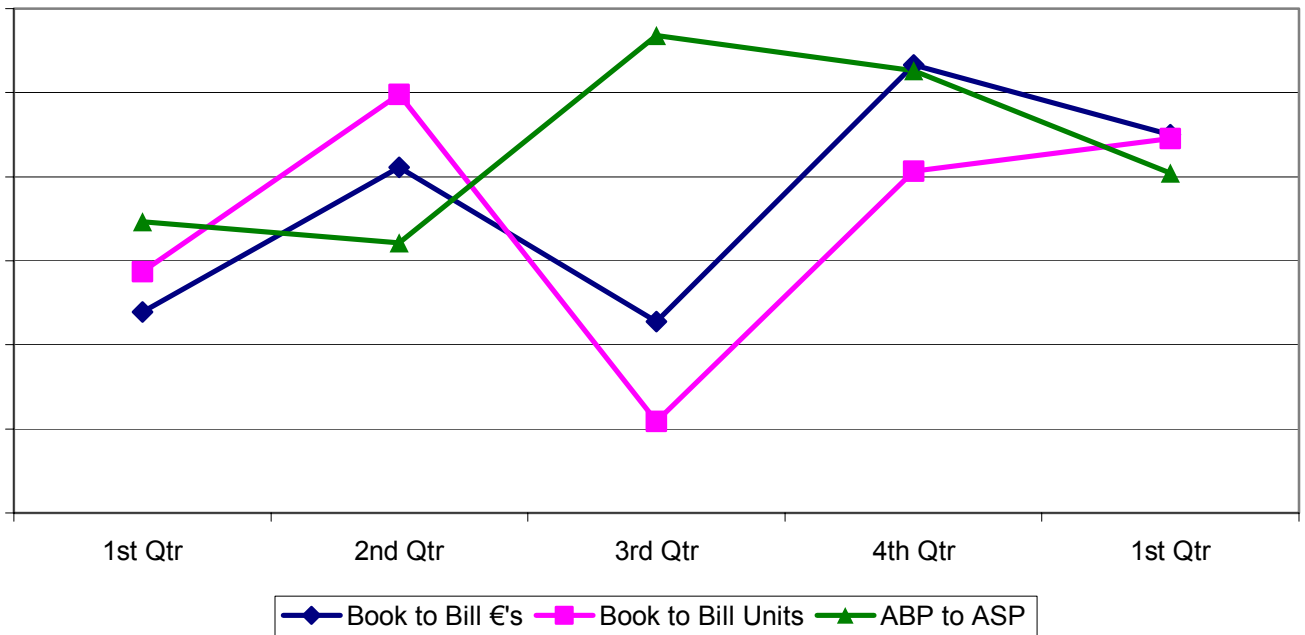


CY 2007/2008 Prices for Total Slide



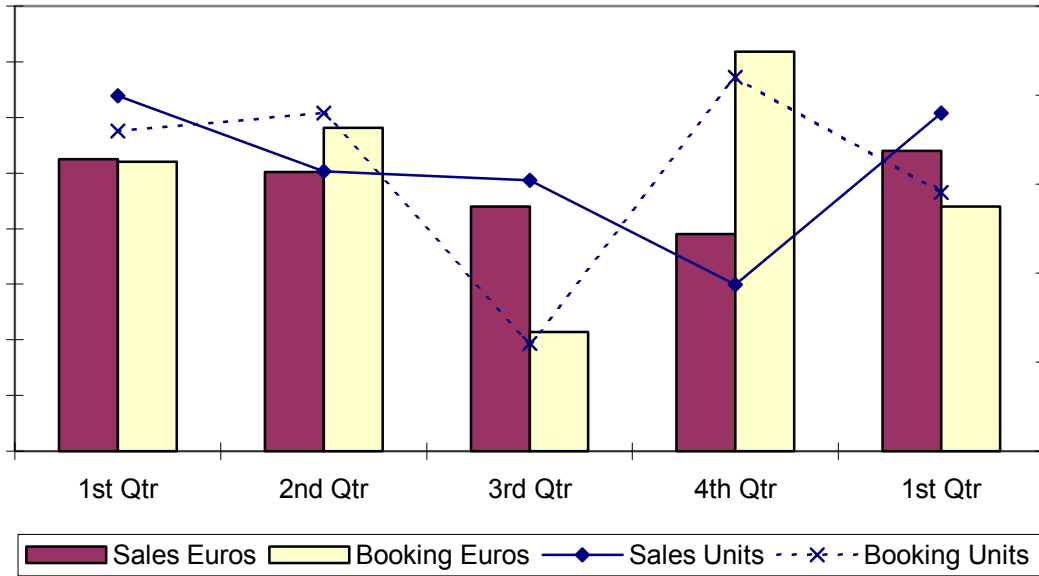
The ABP to ASP again dropped landing at XXXX while the book to bill units moved in the opposite direction, resting at XXXX. Book to bill euros dropped slightly this time.

CY 2007/2008 Ratios for Total Slide

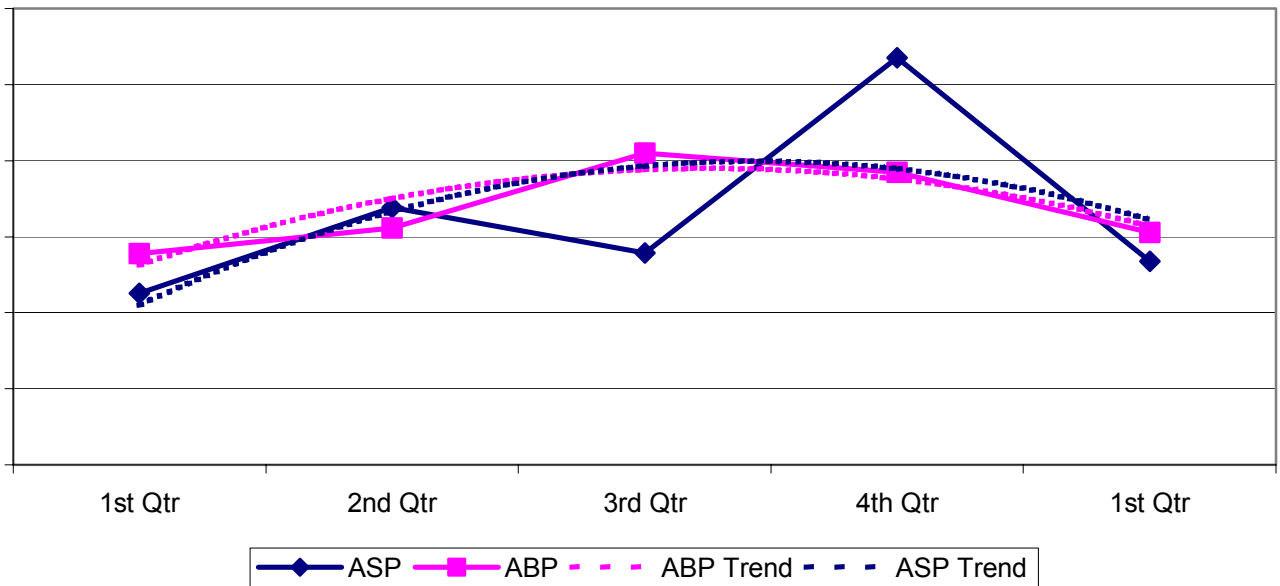


Quarterly results for each of the four product categories show the sources of the overall market trends. The sales measurements recovered from the small dip last quarter while the booking measurements dropped from highs of a year ago. Both the ASP and ABP trends curved downward.

CY 2007/2008 Total Subminiature Slide Sales & Bookings

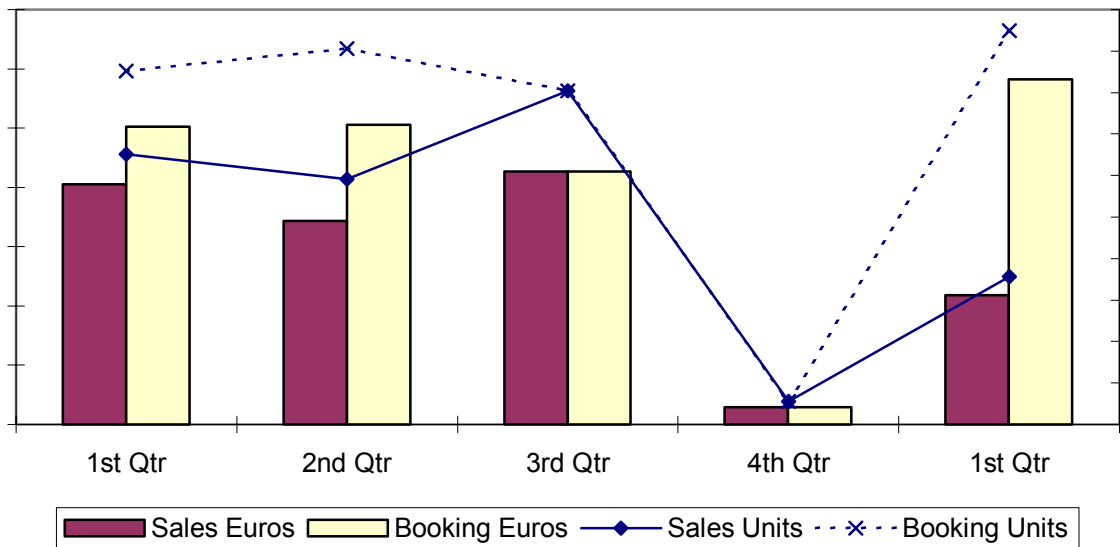


CY2007/2008 Subminiature Slide Prices

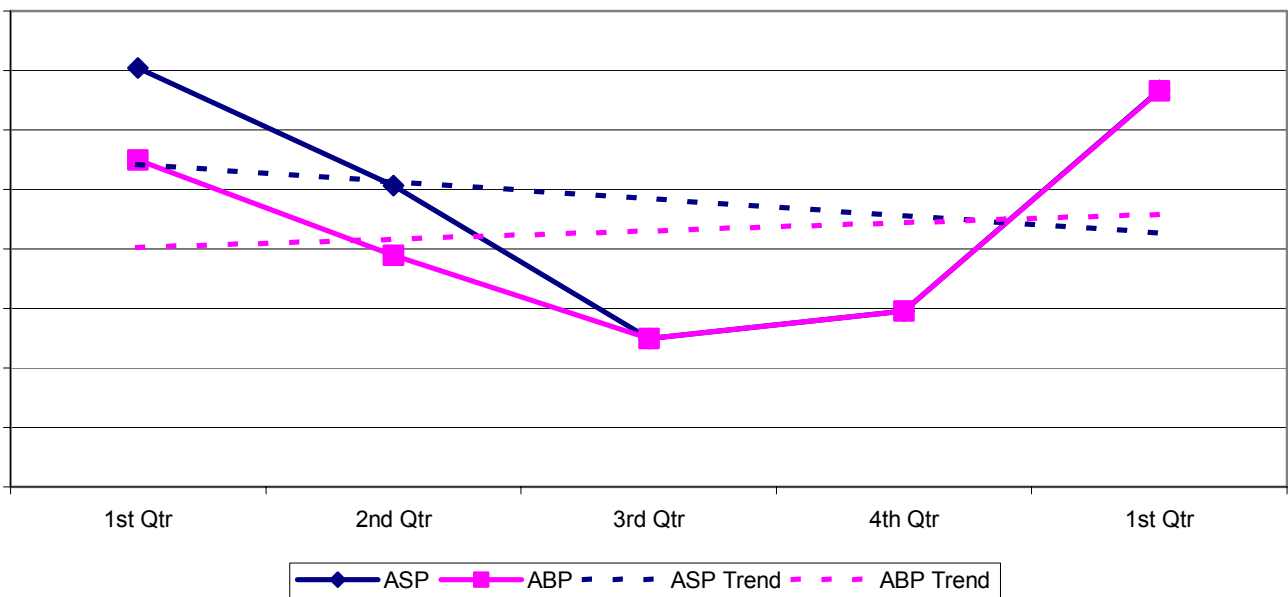


Surface mount slide switch sales and booking measures all recovered from the lows of last quarter with still more improvement needed from the sales measures to reach levels they were six months ago. The ASP and the ABP soared to nearly XXXX euros giving the ASP a slight decline and the ABP a slight incline.

CY 2007/2008 Total Surface Mount Slide Sales & Bookings

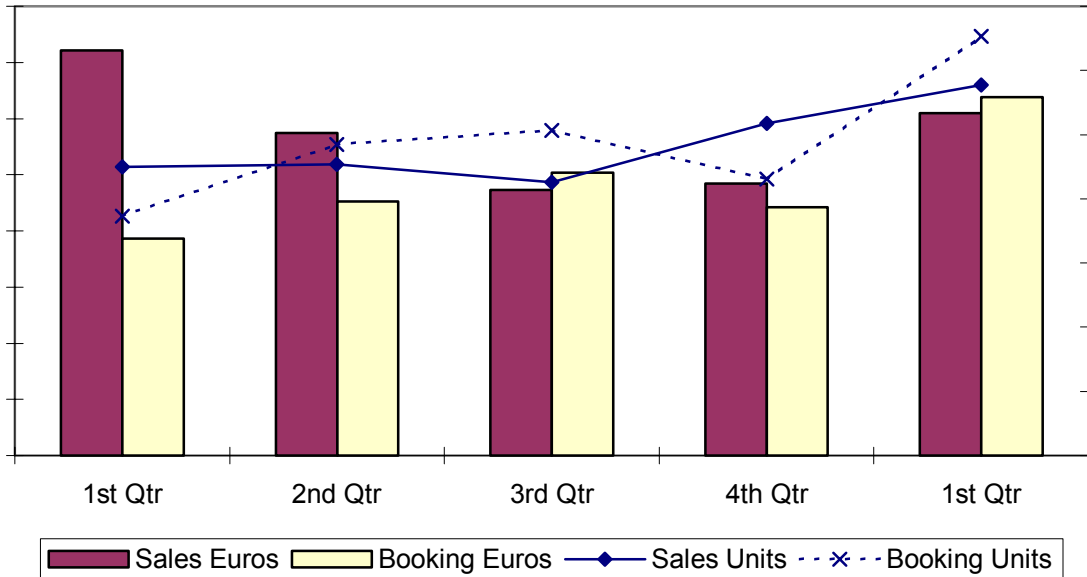


CY 2007/2008 Surface Mount Slide Prices

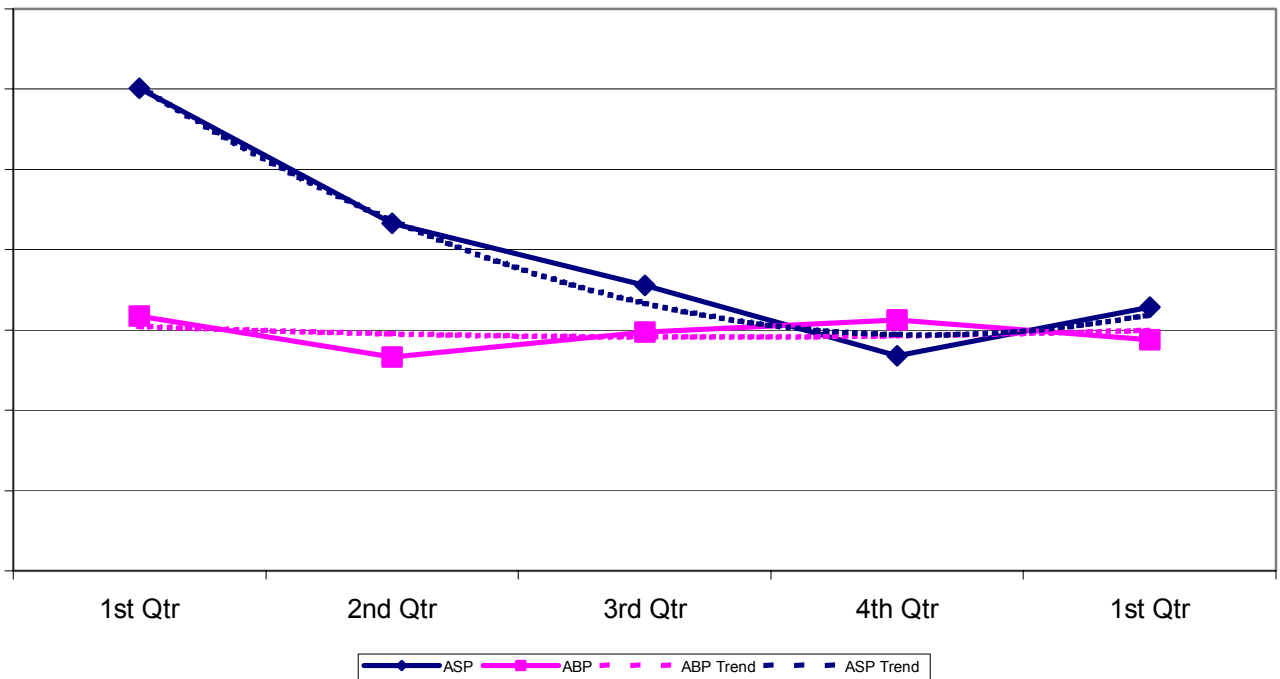


All quarterly results for miniature slide switches grew, even setting new records for all but sales euros. The ABP was very flat and the ASP is now leveling off after declines seen earlier last year.

CY 2007/2008 Total Miniature Slide Sales & Bookings

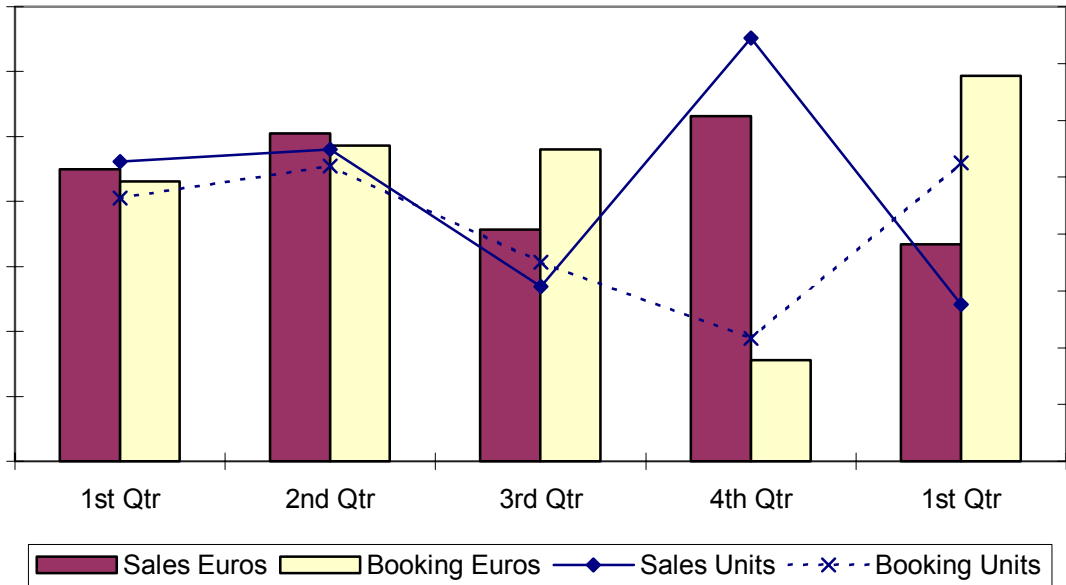


CY 2007/2008 Miniature Slide Prices

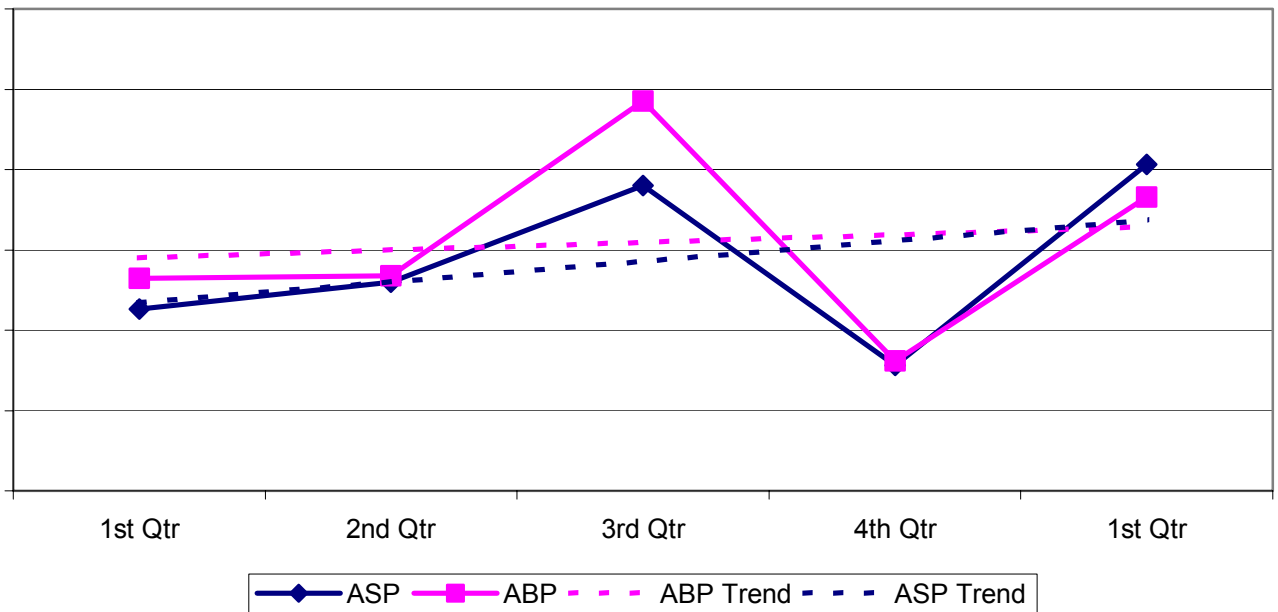


Bookings measurements improved for standard/industrial slide switches greatly while the sales measurements dropped to the same degree. The ASP and ABP moved in unison upward to bend the trends from flat to positive.

CY 2007/2008 Total Standard/Industrial Slide Sales & Bookings



CY 2007/2008 Standard/Industrial Prices



Q1 CY 2008 Total Reported Slide Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Subminiature		Subminiature		Subminiature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Surface Mount		Surface Mount		Surface Mount	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Miniature		Miniature		Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial		Standard/ Industrial		Standard/ Industrial	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Totals		Totals		Total	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX

Snap Action Switch Sales and Bookings for Q1 CY 2008

Total reported European snap action switch sales for Q1 CY 2008 totaled XXXX M € and XXXX M units with an overall average selling price of XXXX €. The companies included in reported sales and bookings were Cherry, C&K, Crouzet, Defond, Honeywell, Johnson Electric, Knitter, Marquardt, and Omron. Based on sales from these manufacturers and estimates for manufacturers not yet reporting the estimated total market for snap action switches in Europe for Q1 CY 2008 was XXXX M € and XXXX M units. Bookings for the period totaled XXXX M € and XXXX M units with an overall average booking price of XXXX €.

Total reported European snap action switch sales for CY 2007 totaled XXXX M € and XXXX M units with an overall average selling price of XXXX €. Based on sales from subscribing manufacturers and

estimates for manufacturers not yet reporting the estimated total market for snap action switches in Europe for CY 2007 was XXXX M € and XXXX M units.

Appendix “A” lists each reporting manufacturer and where each of their snap action switch families are placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008.

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Sub-Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Door/Panel Mount	XXXX M €	XX %	XXXX M	XX %	XXXX €
General Purpose	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Sub-Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Door/Panel Mount	XXXX M €	XX %	XXXX M	XX %	XXXX €
General Purpose	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Compared to Q4 of CY 2007, total sales in euros were up more than XX%, units were up XX%, and ASP was up XX% for Q1 of CY 2008. General purpose ASP was the only red on this chart with a XX% drop.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Sub-Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %
Door/Panel Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %
General Purpose	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	XX %

Total booking euros and units both decreased about XX% compared to last quarter with random gains and losses amongst the categories. ABP managed a small XX% gain with three categories down and two up.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Sub-Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Door/Panel Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
General Purpose	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %

Sales euros and units for Q1 of CY 2008 were all down leading to losses of XX% and XX% respectively when compared to Q1 of CY 2007. Overall ASP was up XX% with three categories reporting gains and two reporting losses.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Sub-Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	-XX %
Door/Panel Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
General Purpose	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %

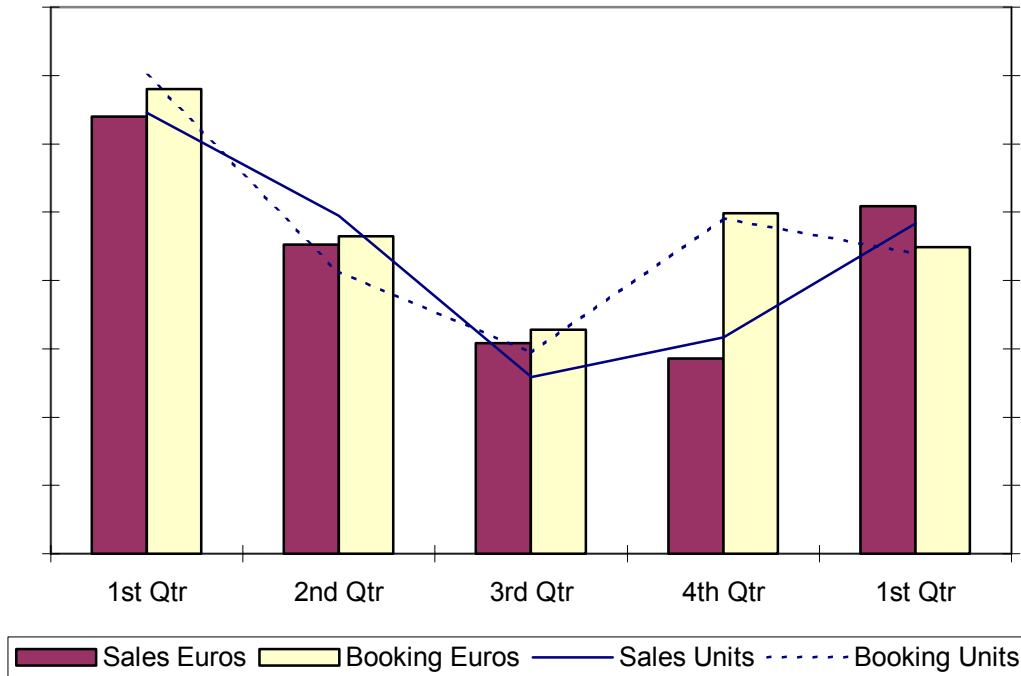
Q1 CY 2008 total bookings compared to Q1 CY 2007 performed similarly to sales with overall euros down XX%, units down XX%, and ABP up XX%. This time however, all categories reported positive ABPs contributing to this gain.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

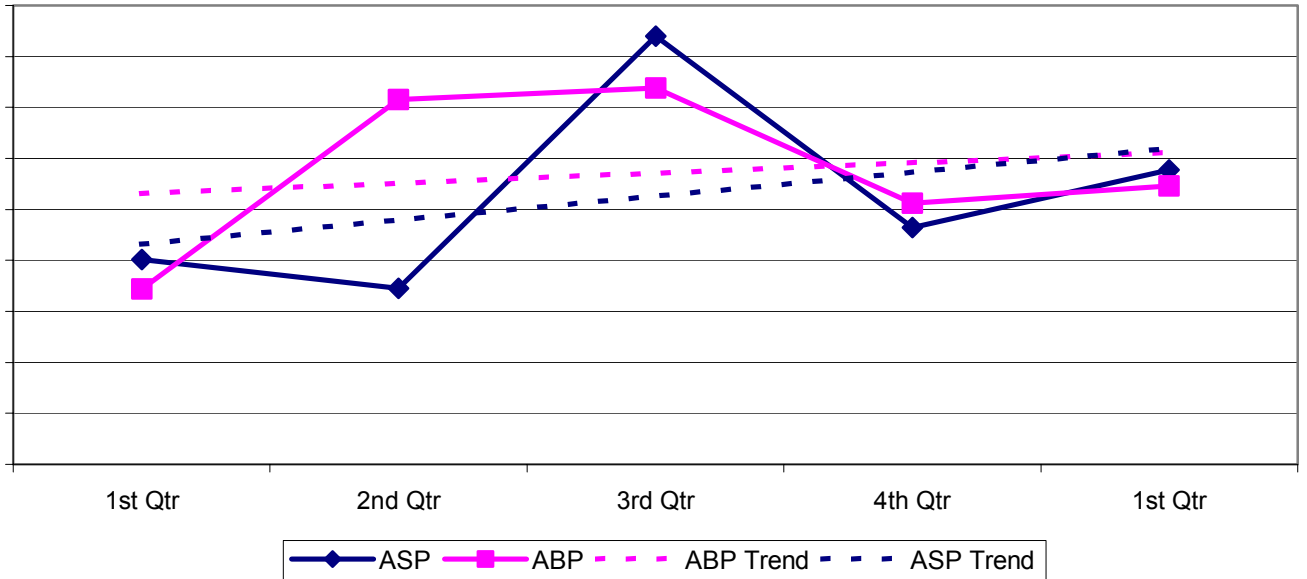
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Sub-Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Door/Panel Mount	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
General Purpose	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %

Total snap action switch sales in euros and units were up but not to levels seen a year ago. The two bookings measurements were down slightly but not as low as the low set six months ago. Both the ASP and ABP trends moved gently upward.

CY 2007/2008 Total Snap Action Switch Sales & Bookings

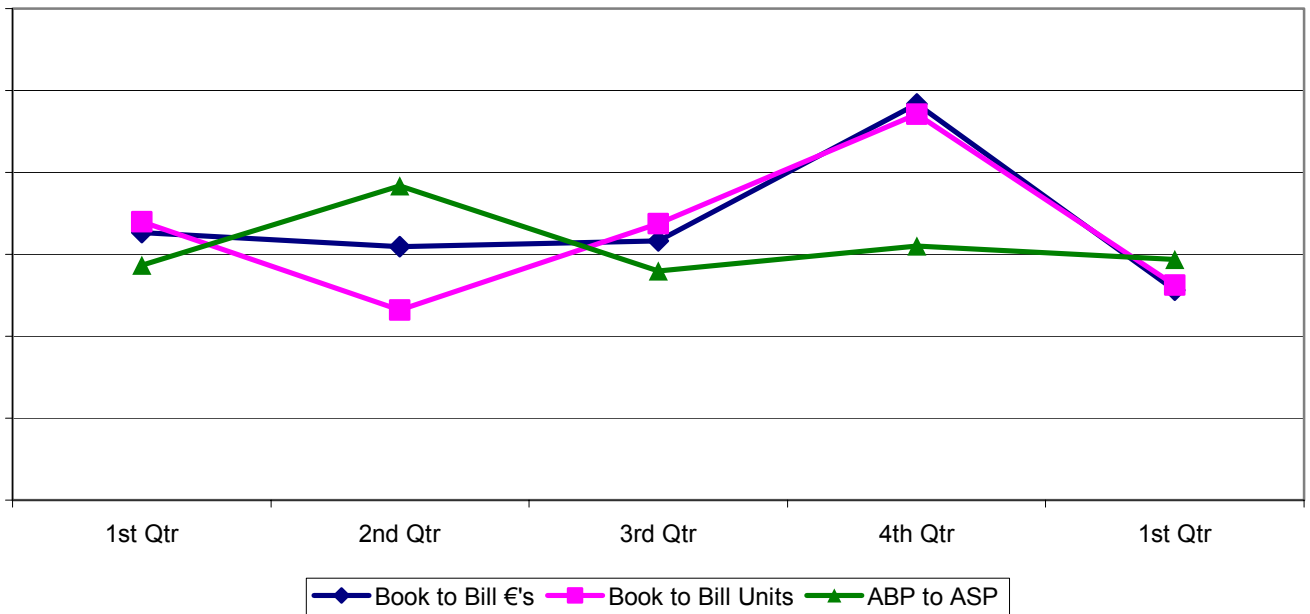


CY 2007/2008 Total Snap Action Switch Market Price



Book-to-bill euros and units dropped and met below just 1.000. The ABP-to-ASP remained consistent just above this.

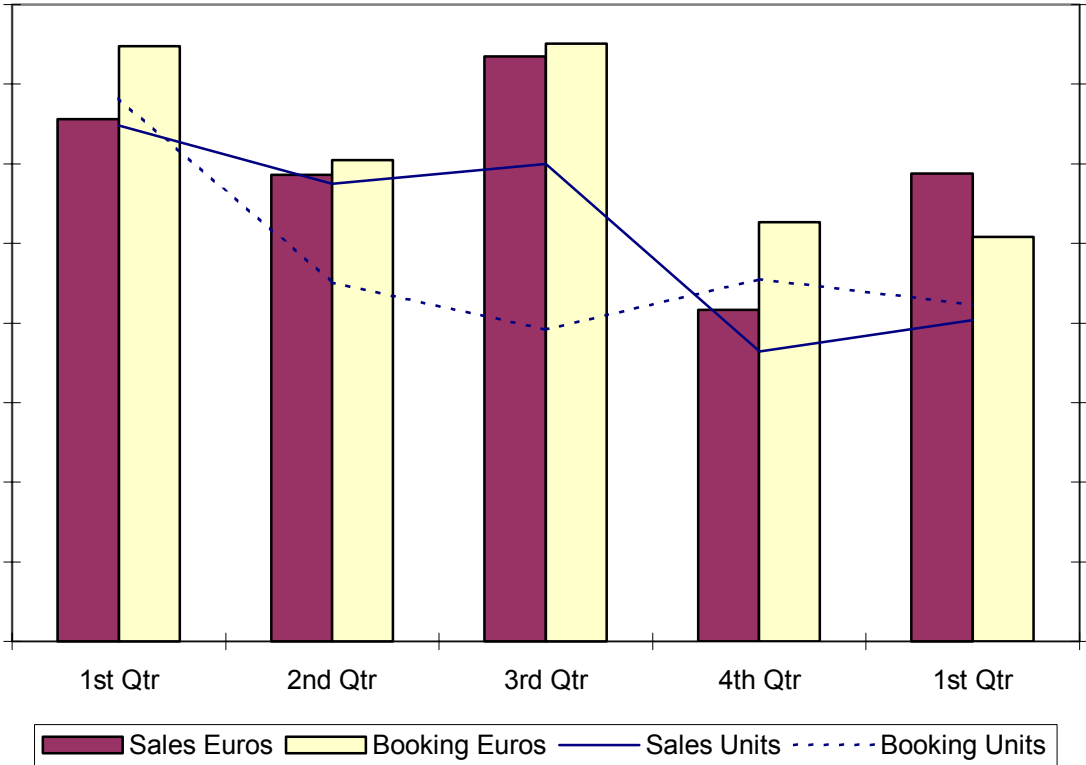
CY 2007/2008 Ratios for Total Snap Action Switch Market



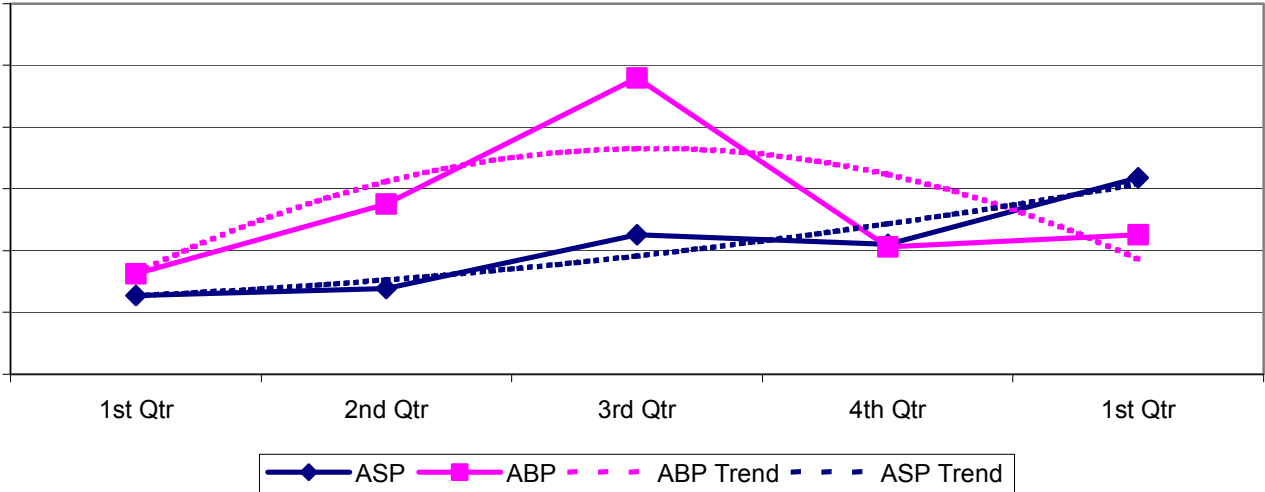
The next section of this report will look at the five quarter trends for each snap action switch category. This will provide further insight into the overall market trends reported above.

Sub-subminiature switch sales euros and units increased nicely from Q4 CY 2007. However the booking euros and units dropped slightly both now at or equal to the lowest bookings measurements seen in a year. The ABP turned strongly downward while the ASP climbed steadily upward.

CY 2007/2008 Sub-Subminiature Snap Action Switch Sales & Bookings

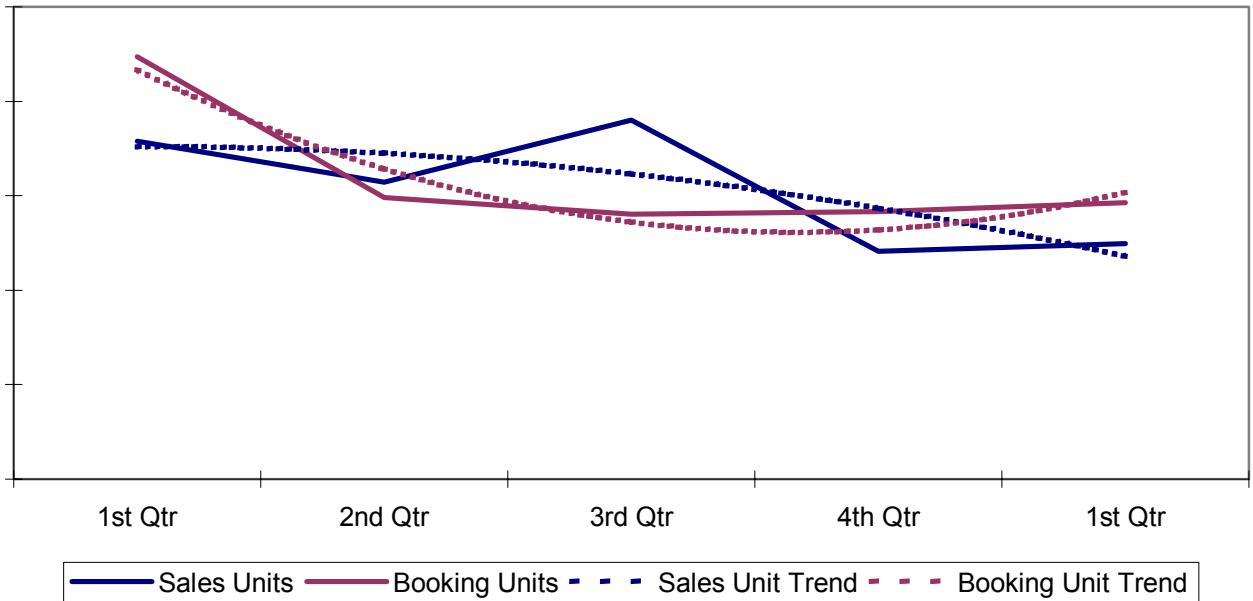


CY2007/2008 Sub-Subminiature Prices



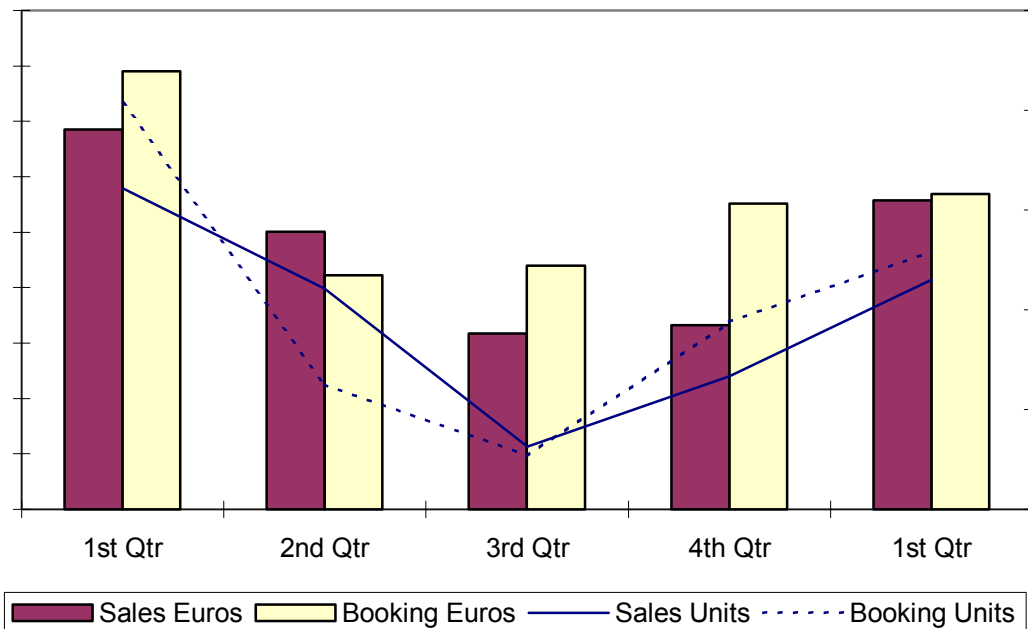
In Q4 CY 2007 XX% of the units shipped and XX% of the sub-subminiature units booked were sealed switches. In Q1 sealed sales held at XX% and bookings rose to XX%. The graph below shows sealed units sold and booked by quarter.

CY 2007/2008 Sealed Sub-Subminiature Snap Action Switch Sales & Bookings

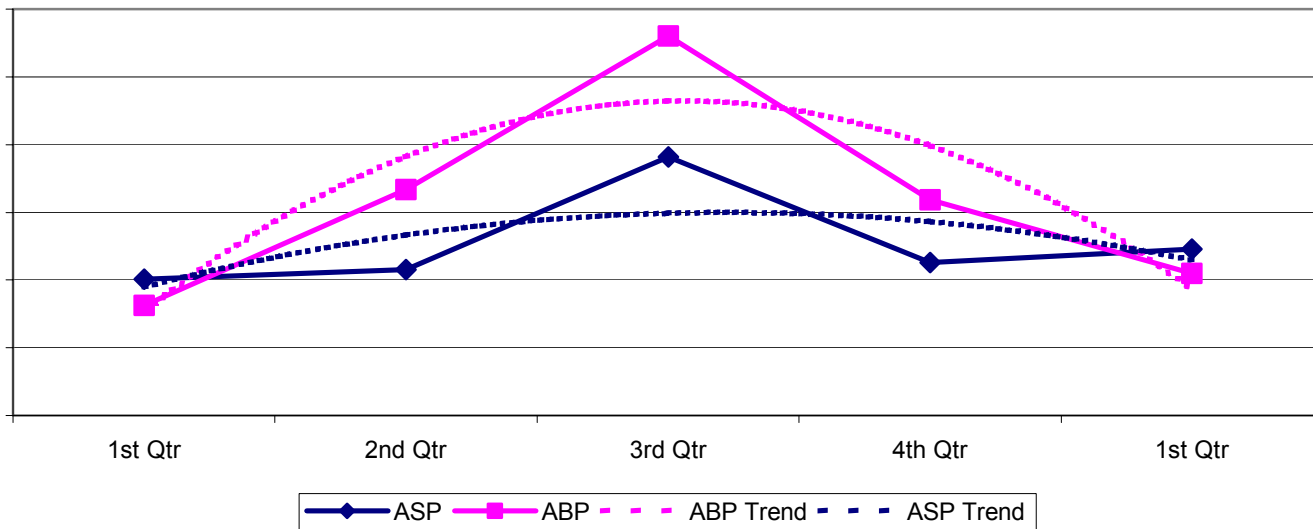


Subminiature sales and bookings all grew, at least slightly, a marked improvement over Q3 CY 2007 but still not to levels seen a year ago. Both price trends turned downward, the ABP more severely than the ASP.

CY 2007/2008 Subminiature Snap Action Switch Sales & Bookings

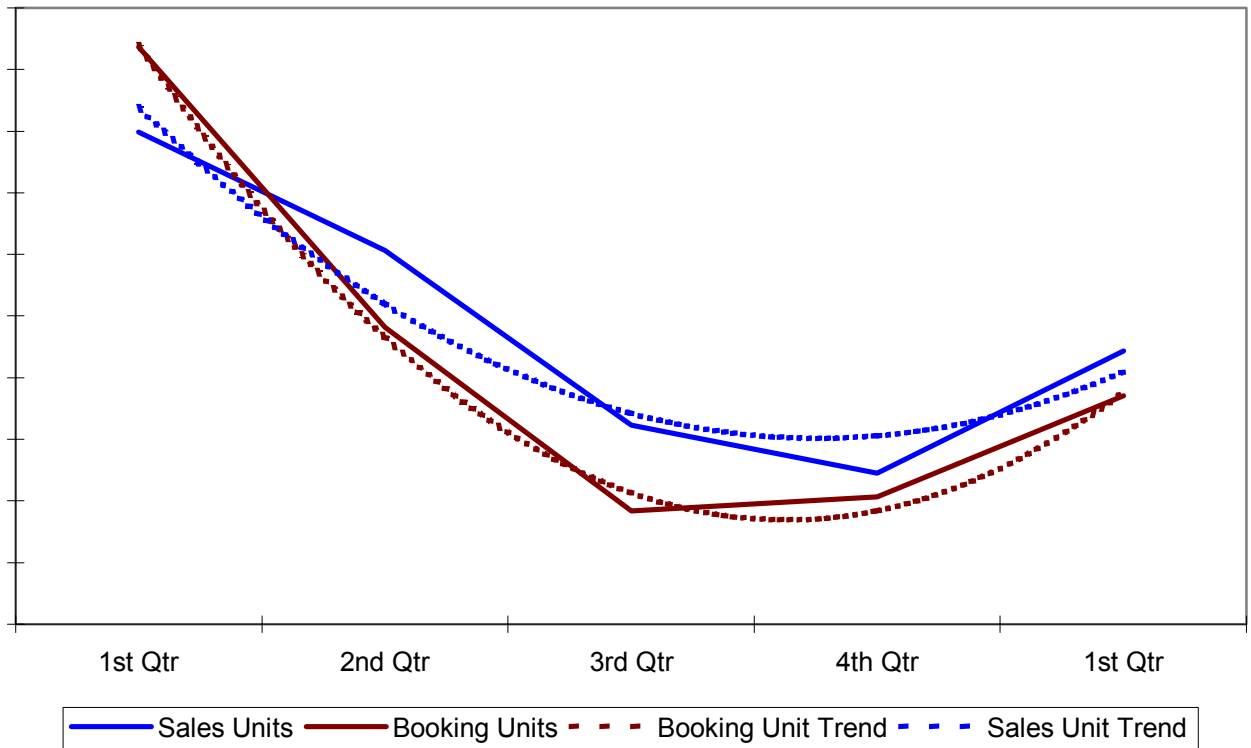


CY2007/2008 Subminiature Prices



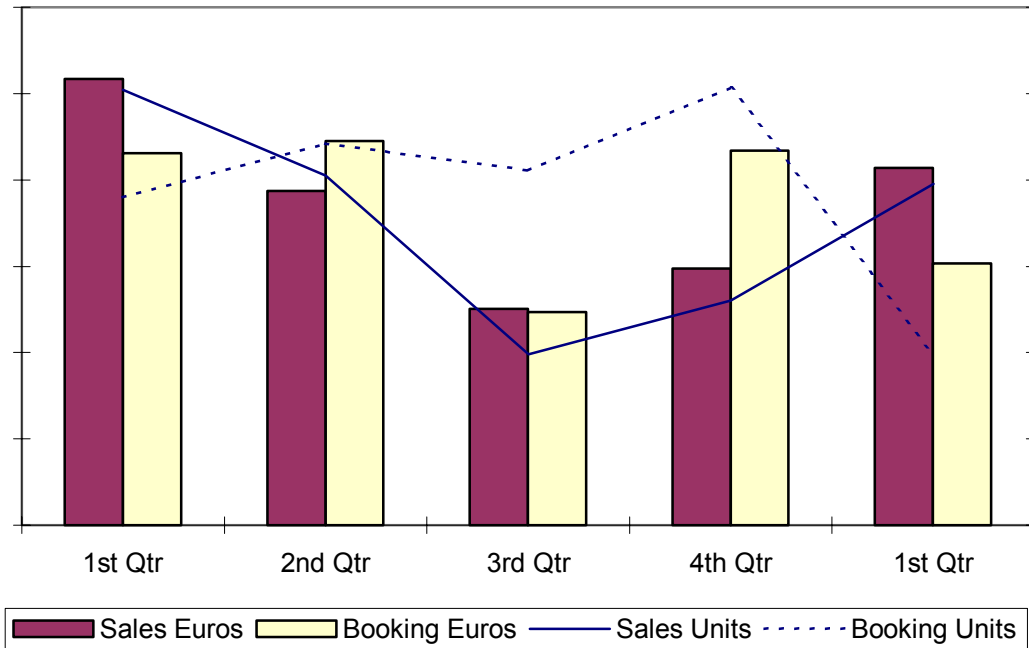
Subminiature sealed sales were XX% and booking units were XX% of the respective totals in Q4. In Q1, bookings stayed at XX% and sales at XX% of the total. The graph below shows the actual units by quarter.

CY 2007/2008 Sealed Subminiature Snap Action Switch Sales & Bookings

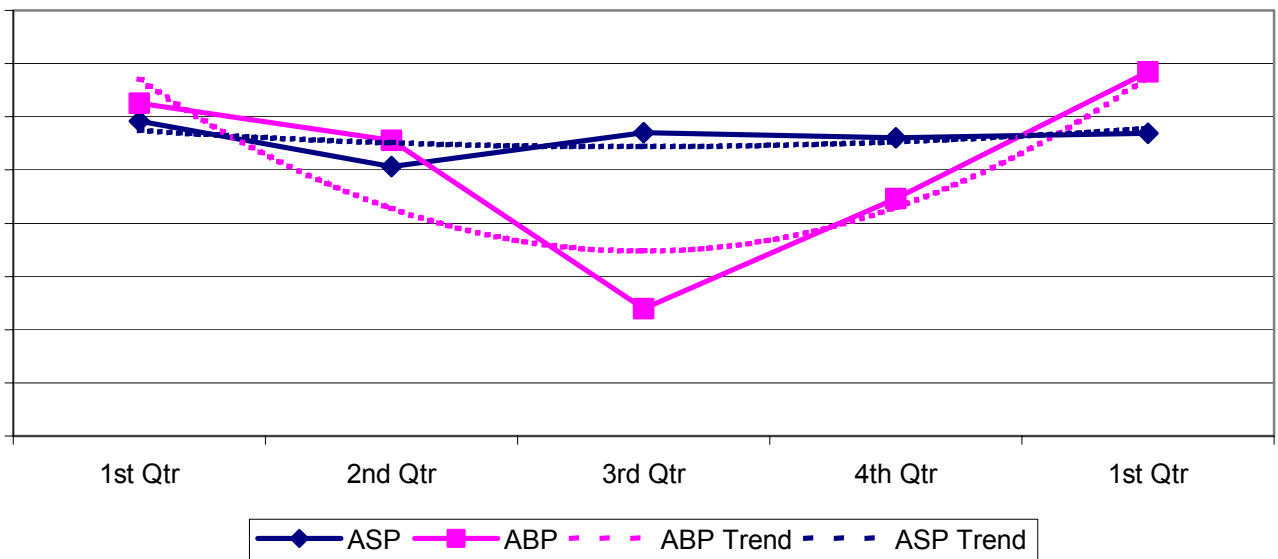


The miniature snap action sales grew for the second consecutive quarter. However, the bookings measurements couldn't maintain the values of last quarter. The ASP held a very steady line while the ABP turned sharply upward.

CY 2007/2008 Miniature Snap Action Switch Sales & Bookings

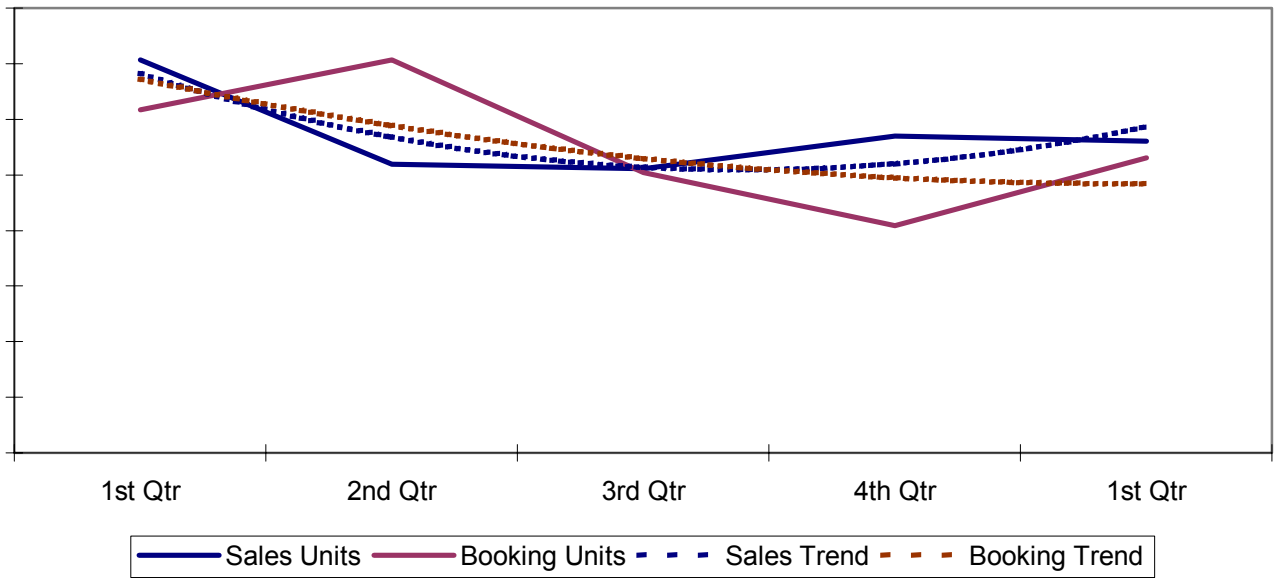


CY 2007/2008 Miniature Snap Action Prices



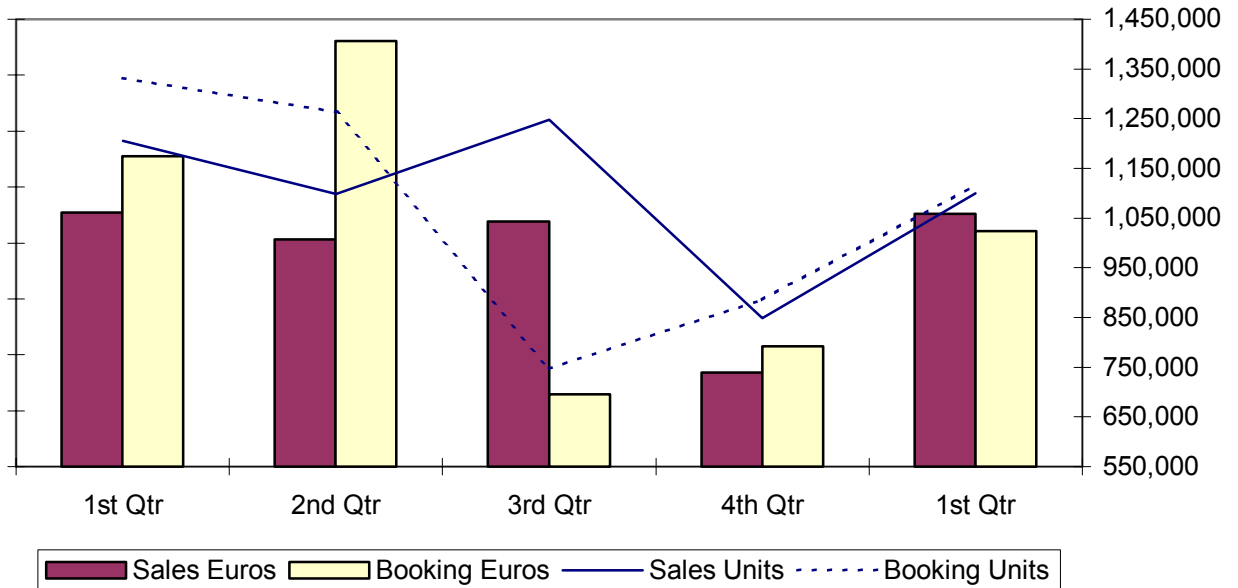
Miniature sealed switches sales and bookings started to be reported in Q1 CY 2005. They represent about XX% of sales and booking units.

CY 2007/2008 Sealed Miniature Snap Action Switch Sales & Bookings

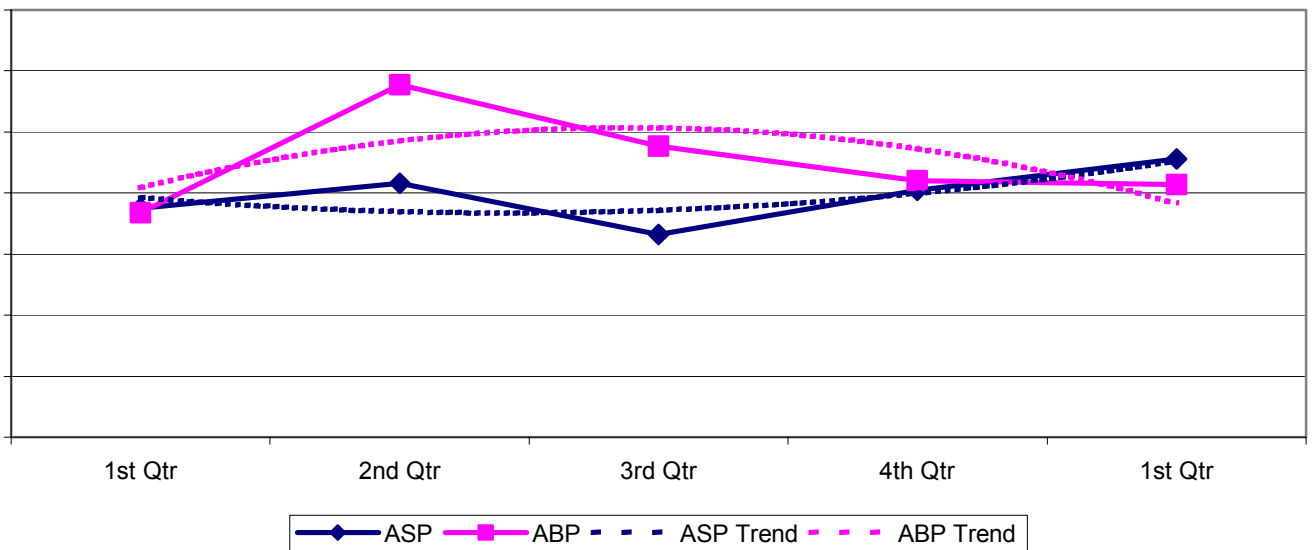


All door/panel mount snap action switches jumped in Q1 after being much lower in the past quarter or two. The ASP was essentially flat while the ABP curve is heading downward.

CY 2007/2008 Door/Panel Mount Snap Action Switch Sales & Bookings

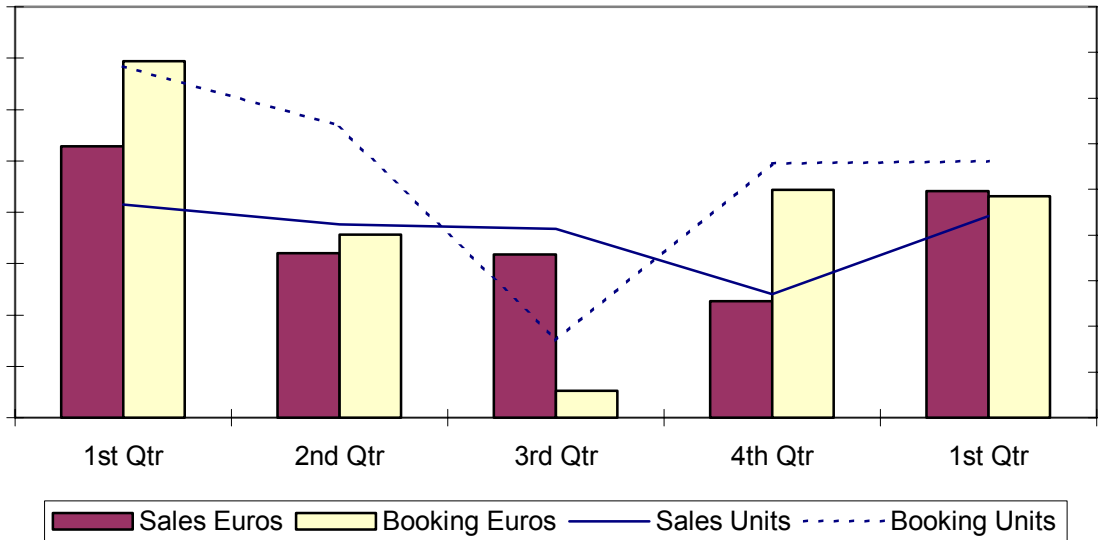


CY 2007/2008 Panel/Door Mount Snap Action Switch Prices

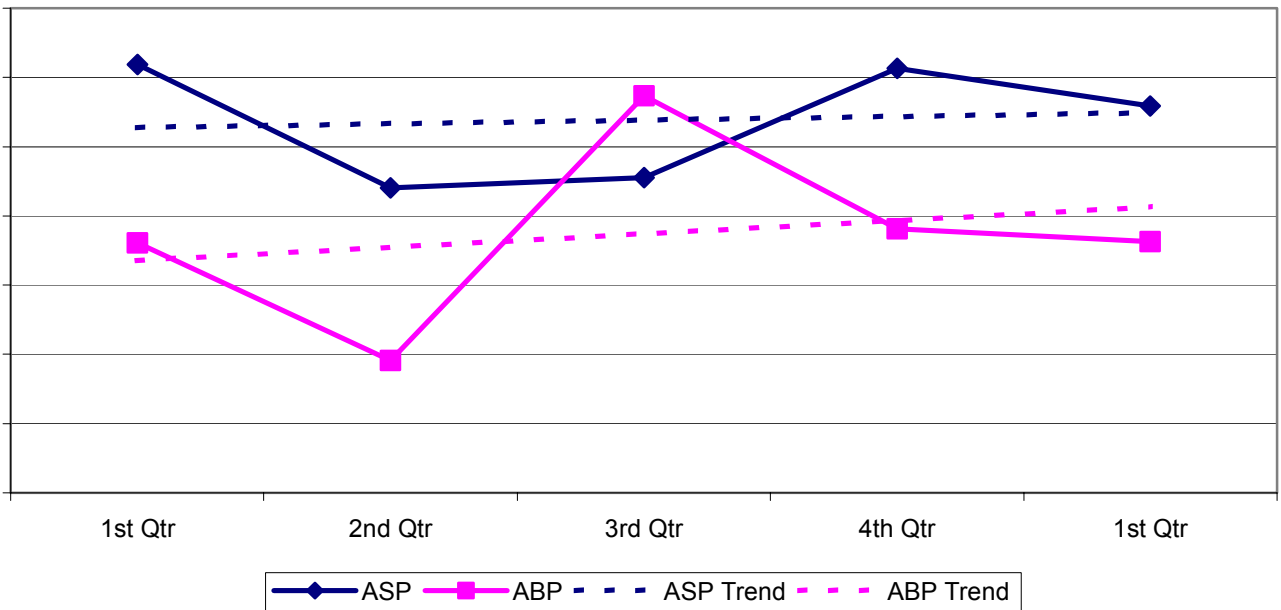


General purpose sales euros and units increased after Q4 2007. The booking measurements were level. Both the ASP and ABP trend curves have leveled off.

CY 2007/2008 General Purpose Snap Action Switch Sales & Bookings

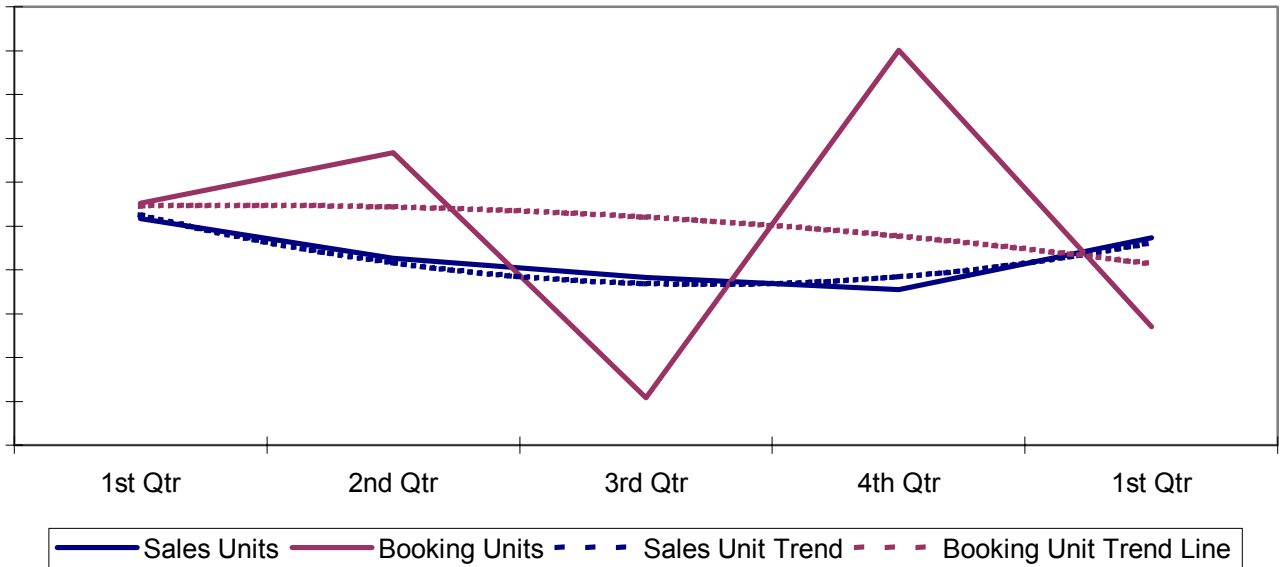


CY 2007/2008 General Purpose Snap Action Switch Prices



In Q4 sealed switches accounted for just below XX% of sales and XX% of bookings. Sales have remained at just below XX% while bookings fell to XX% in Q4. Actual sealed unit sales and bookings are charted below.

CY 2007/2008 Sealed General Purpose Snap Action Switch Sales & Bookings



Q1 CY 2008 Total Reported Snap Action Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Sub-Subminiature		Sub-Subminiature		Sub-Sub Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Booking Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		
Subminiature		Subminiature		Sub Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Booking Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		
Miniature		Miniature		Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Booking Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		
Door/Panel Mount		Door/Panel Mount		Door/Panel Mount	
Sales Euros	XXXXXXXX €	Sales Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		
General Purpose		General Purpose		General Purpose	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Booking Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		
Totals		Totals		Total	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXXXX	Booking Units	XXXXXXXX	Book to Bill Units	XXXX
% Sealed (Units)	XX%	% Sealed (Units)	XX%	ABP to ASP	XXXX
Sealed Units	XXXXX	Sealed Units	XXXXX		
ASP	XXXX €	ABP	XXXX €		

Tact Switch Sales and Bookings for Q1 CY 2008

Total reported sales in Q1 CY 2008 for tact switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings are C&K, Knitter, Marquardt, NKK, and Omron. Based on the sales of these manufacturers and estimates for manufacturers not yet reporting, the total European tact switch market for Q1 CY 2008 is estimated at XXXX M € and XXXX M units. Bookings for the first quarter totaled XXXX M € and XXXX M units with an overall average booking price of XXXX€.

Total reported sales in CY 2007 for tact switches were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for manufacturers not yet reporting, the total European tact switch market for CY 2007 is estimated at XXXX M € and XXXX M units.

Appendix “A” lists each reporting manufacturer and where each of their tact switch families are placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Through Hole ≤ 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
Through Hole > 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
SMT ≤ 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
SMT > 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Through Hole ≤ 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
Through Hole > 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
SMT ≤ 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
SMT > 8mm	XXXX M €	XX %	XXXX M	XX %	XXXX €
Illuminated	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Compared to Q4 of CY 2007, total sales euros and units were up XX% and XX% respectively with large jumps from the larger surface mount tact switch. ASP was down less than XX% with minimal gains or losses from the categories other than the larger through hole switch category.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Through Hole ≤ 8mm	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XX%	XXx%	-XX%
Through Hole > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%
SMT ≤ 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
SMT > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

Booking results, when comparing Q1 CY 2008 to Q4 CY 2007, showed progress with overall dollars up XX% and units up XX%. ABP was down XX% with both through hole ABPs declining.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Through Hole ≤ 8mm	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XX%	XXx%	-XX%
Through Hole > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%
SMT ≤ 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
SMT > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

Sales measurements for Q1 of CY 2008 versus Q1 of CY 2007 were this time down, euros by XX%, units by XX%, and ASP by XX%. Only the larger surface mount category managed improvements across all three measurements.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Through Hole ≤ 8mm	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XX%	XXx%	-XX%
Through Hole > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%
SMT ≤ 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
SMT > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

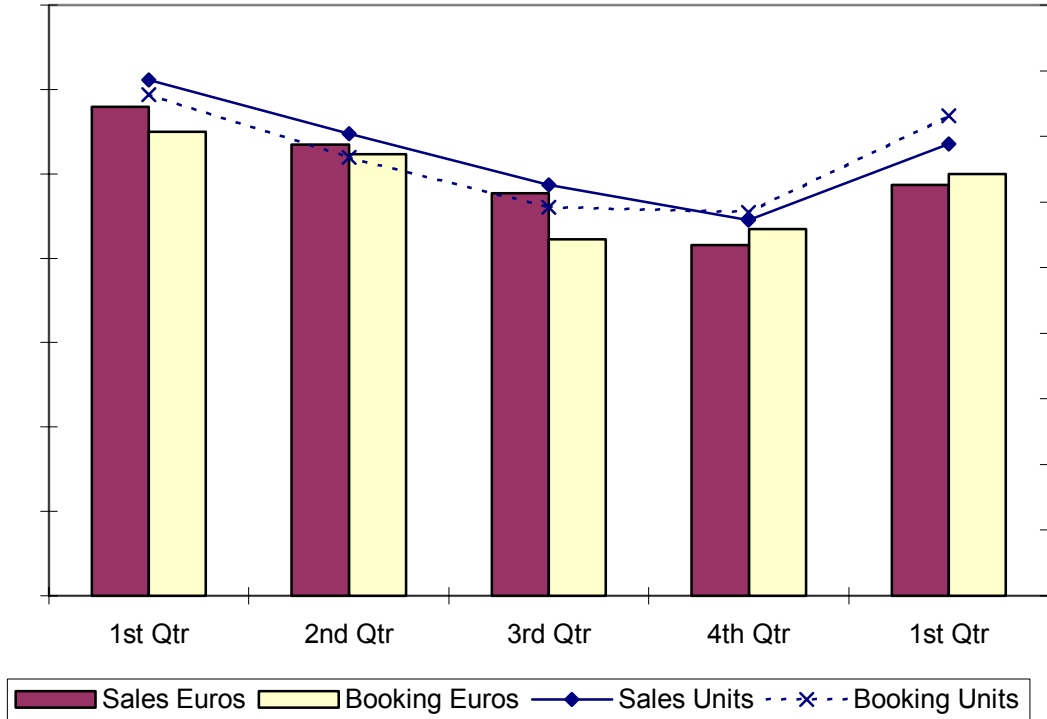
Q1 CY 2008 booked business compared to the same quarter last year was again down but not so severely this time, XX% for euros, XX% for units, and XX% for ABP. Both surface mount switches did produce increases however.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

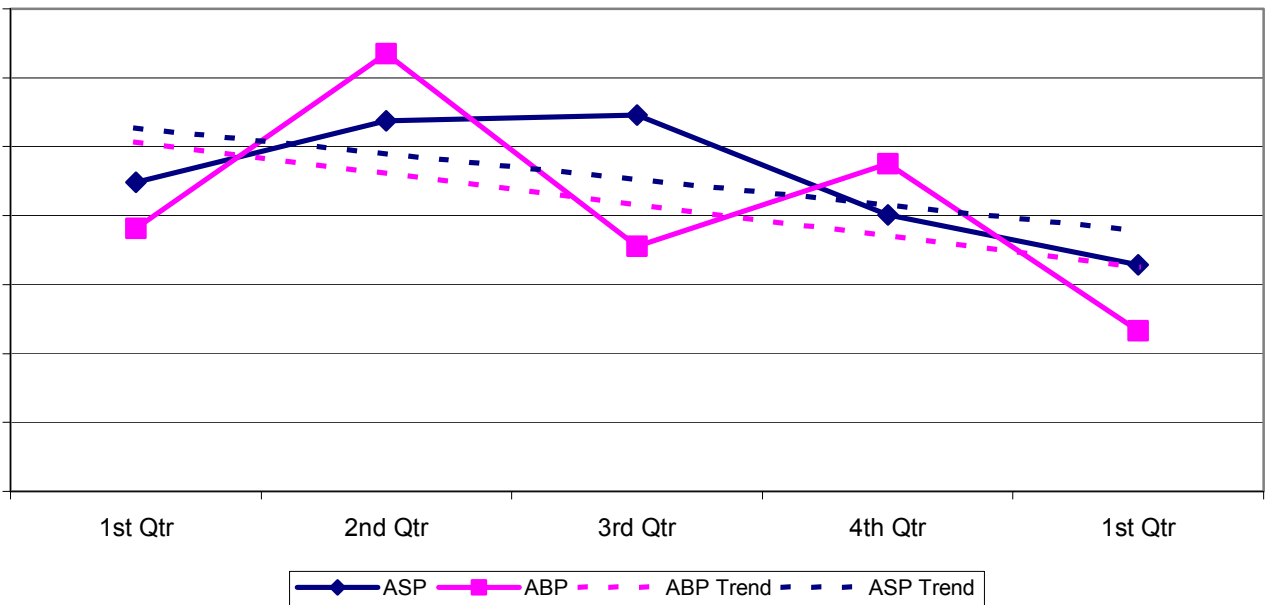
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Through Hole ≤ 8mm	XXXXM €	XXXX M	XXXX €	XXXXM €	XXXX M	XXXX €	XX%	XXx%	-XX%
Through Hole > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX%	XX%	XX%
SMT ≤ 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%
SMT > 8mm	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	XX%
Illuminated	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	-XX%	XX%
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX%	XX%	-XX%

The chart below shows the quarterly sales and bookings in units and euros for the total tact switch market. Everything grew nicely after a dip last quarter. Both price trends moved downward.

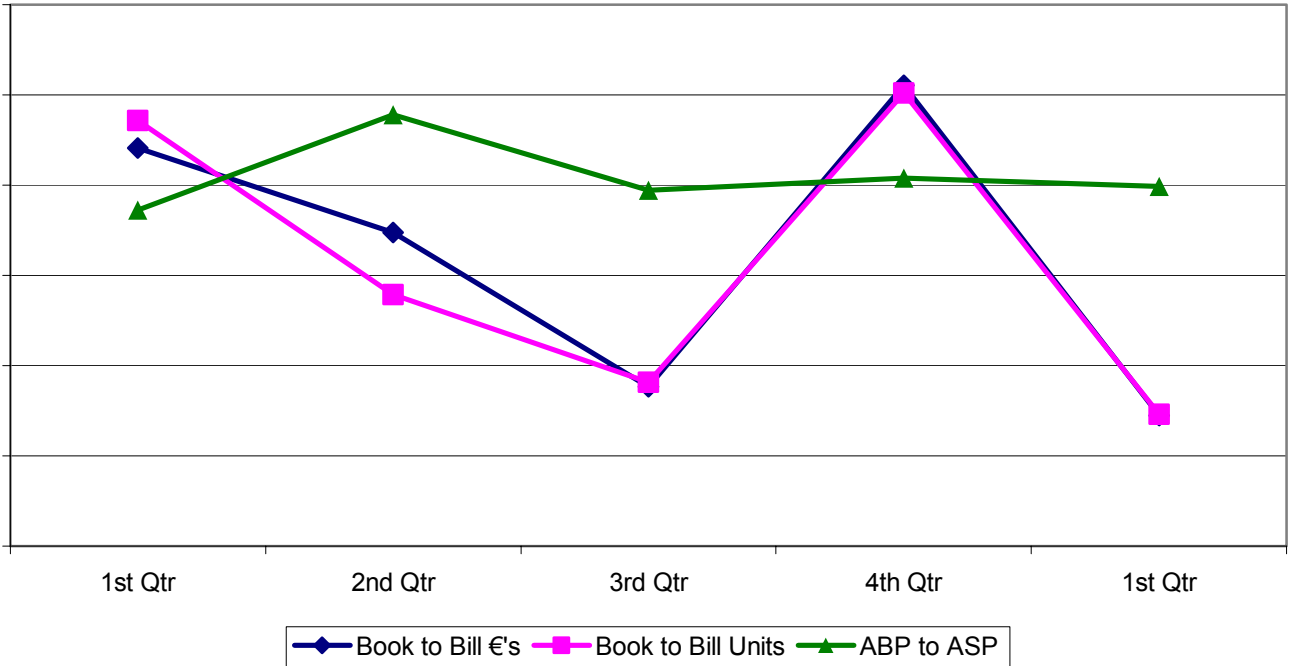
CY 2007/2008 Total Tact Sales & Bookings



CY 2007/2008 Prices for Total Tact



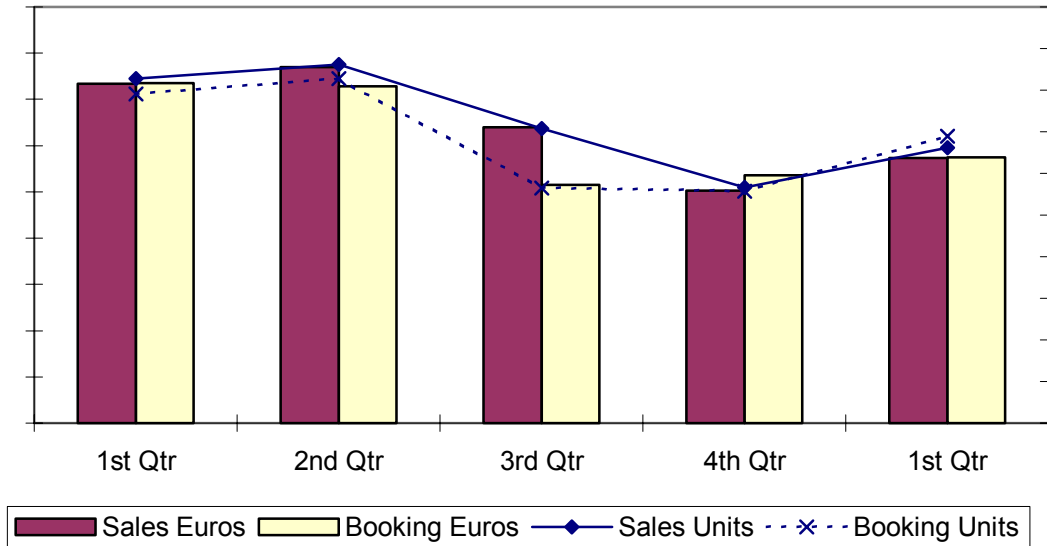
CY 2007/2008 Ratios for Total Tact



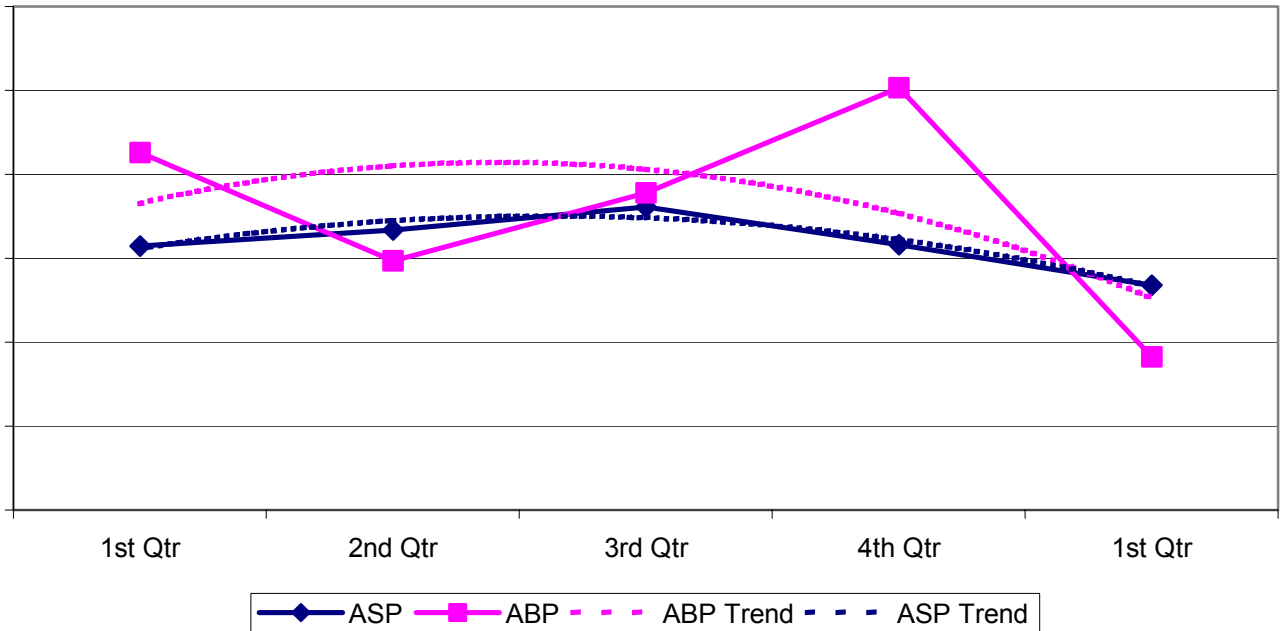
The two book to bill ratios moved together landing at 0.750. The price ratio has been steady for the past six months.

The through hole tact switch measurements all increased from last quarter. Both the ABP and the ASP trended downward, the ABP to a larger degree.

CY 2007/2008 Total Through Hole Tact ≤ 8mm Sales & Bookings

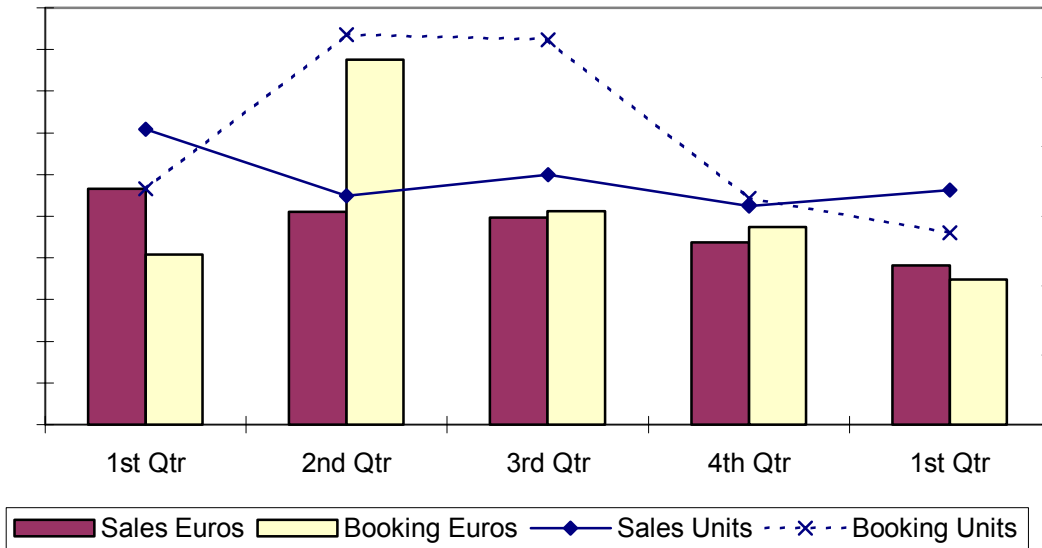


CY2007/2008 Through Hole Tact ≤8mm Prices

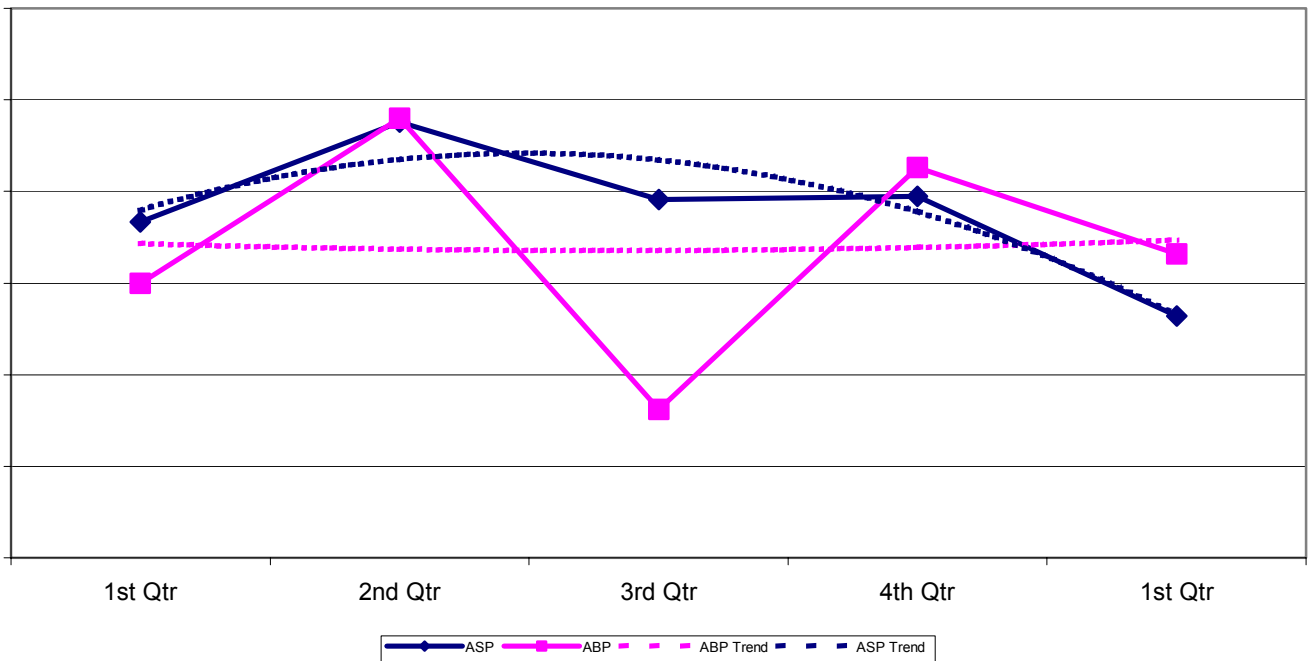


Quarterly results for surface mount tact switches showed sales measurements up and bookings down to lows not seen in a year. The ABP secured its flat line while the ASP trended downward.

CY 2007/2008 Total Through Hole Tact >8mm Sales & Bookings

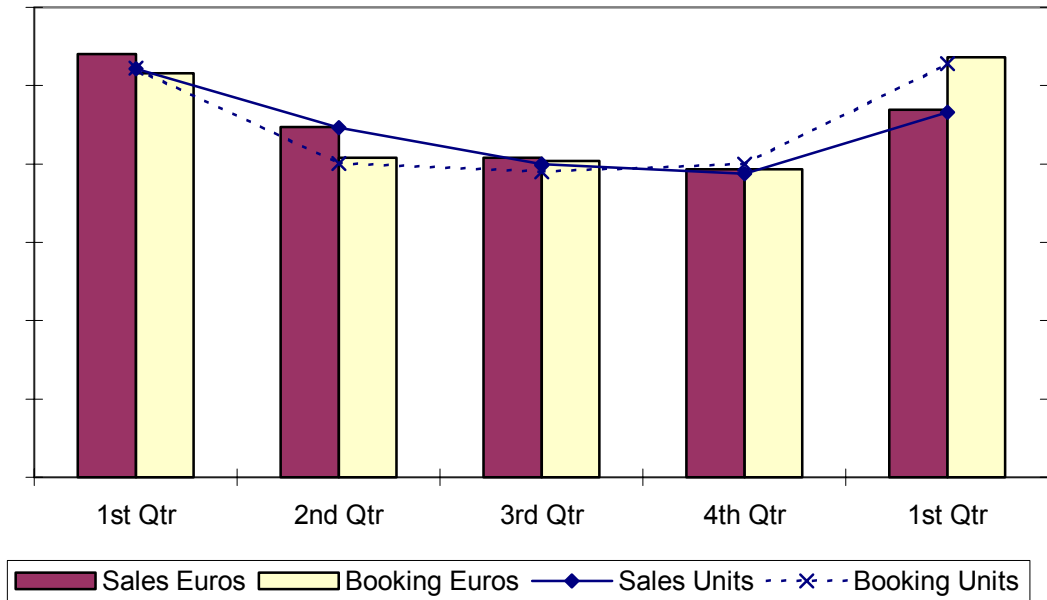


CY 2007/2008 Through Hole >8mm Prices

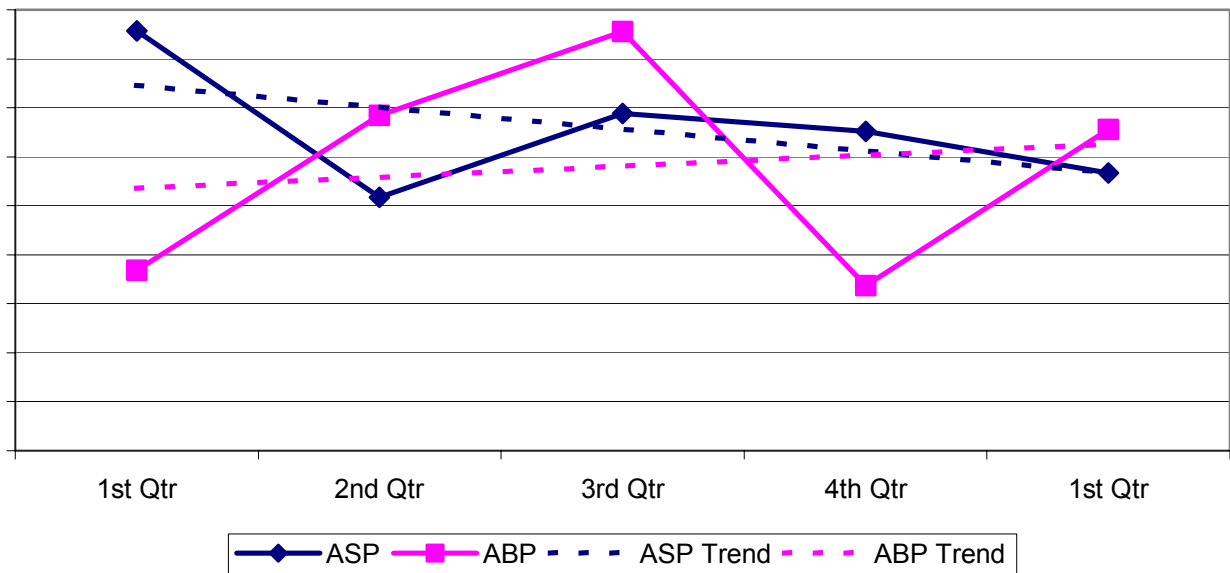


Quarterly results for surface mount tact switches showed all measurements up with the two bookings measurements even higher than a year ago. The ABP has a slightly positive curve while the ASP has created the opposite.

CY 2007/2008 Total Surface Mount Tact ≤ 8mm Sales & Bookings

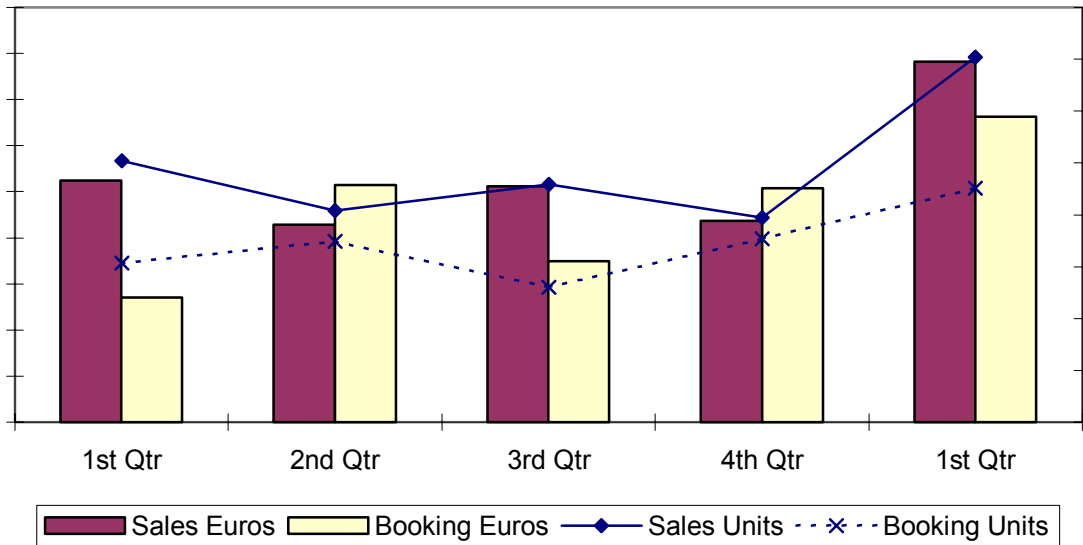


CY 2007/2008 Surface Mount Tact ≤ 8mm Prices

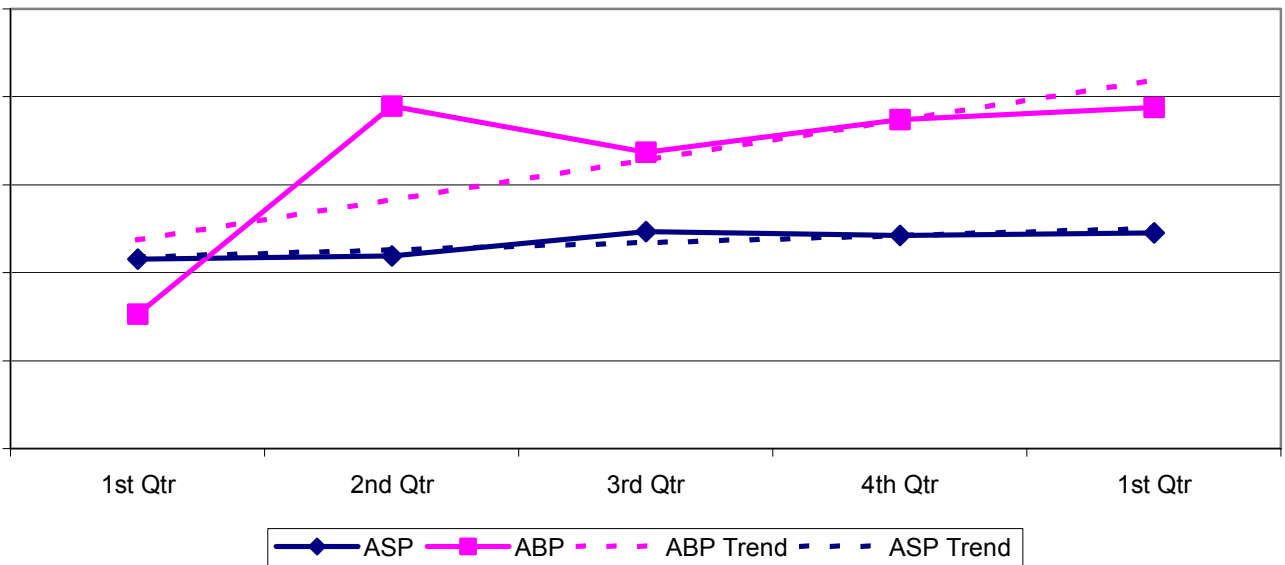


Quarterly results for surface mount tact switches showed all measurements up well beyond anything seen in this timeframe. The ABP followed a positive curve while the ASP was steady between XXXX and XXXX euros.

CY 2007/2008 Total Surface Mount Tact >8mm Sales & Bookings

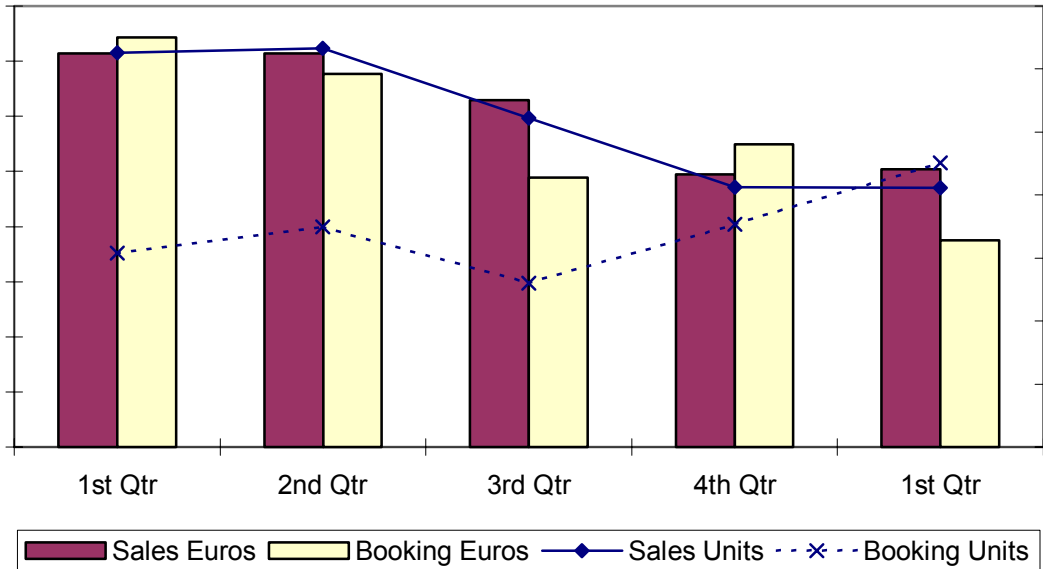


CY 2007/2008 Surface Mount Tact >8mm Prices

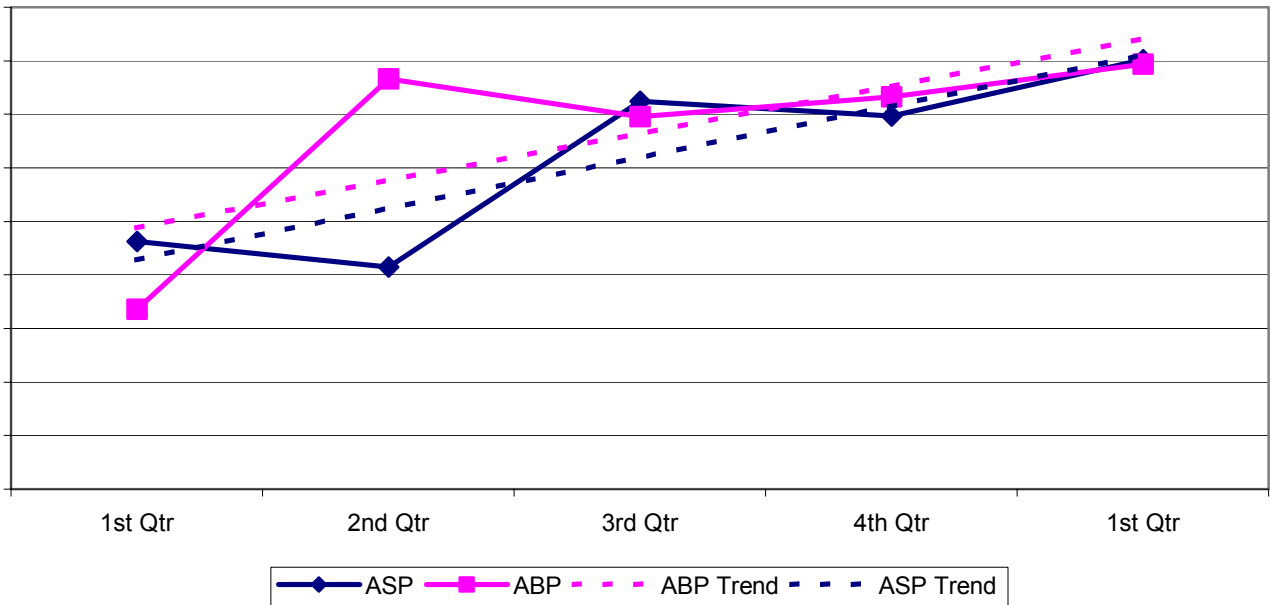


Quarterly results for illuminated tact switches showed all but bookings units dropping this quarter. The ABP and the ASP continued their positive trends with new highs reaching XXXX euros.

CY 2007/2008 Total Illuminated Sales & Bookings



CY 2007/2008 Illuminated Tact Prices



Q1 CY 2008 Total Reported Tact Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Through Hole ≤ 8mm		Through Hole ≤ 8mm		Through Hole ≤ 8mm	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX
Through Hole > 8mm		Through Hole > 8mm		Through Hole > 8mm	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX
SMT ≤ 8mm		SMT ≤ 8mm		SMT ≤ 8mm	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX
SMT > 8mm		SMT > 8mm		SMT > 8mm	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX
Illuminated		Illuminated		Illuminated	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX
Totals		Totals		Totals	
Sales Euros	XXXXXXXXX €	Sales Euros	XXXXXXXXX €	Sales Euros	XXXX
Sales Units	XXXXXXXX	Sales Units	XXXXXXXX	Sales Units	XXXX
ASP	XXXX €	ASP	XXXX €	ASP	XXXX

Toggle Switch Sales and Bookings for Q1 CY 2008

Total reported sales for toggle switches in Q1 CY 2008 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. The companies included in reported sales and bookings were C&K, Defond, Honeywell, Knitter, Marquardt, and NKK. Based on the sales of these manufacturers and estimates for manufacturers not yet reporting, the total European toggle switch market for Q1 is estimated at 2.8 € M and 1.8 M units. Total reported bookings for the same period were XXXX M € and XXXX M units with an overall ABP of XXXX €.

Total reported sales for toggle switches in CY 2007 were XXXX M € and XXXX M units with an overall ASP of XXXX € per switch. Based on the sales of subscribing manufacturers and estimates for manufacturers not yet reporting, the total European toggle switch market for CY 2007 is estimated at XXXX € M and XXXX M units.

Appendix “A” lists each reporting manufacturer and where each of their toggle switch families are placed.

The two tables below show the breakdown of total reported sales and bookings for Q1 CY 2008 by category:

Sales by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ASP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Bookings by Category

Category	Euros	% Of Total Euros	Units	% Of Total Units	ABP
Subminiature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Miniature	XXXX M €	XX %	XXXX M	XX %	XXXX €
Standard/Industrial	XXXX M €	XX %	XXXX M	XX %	XXXX €
Total	XXXX M €	XX %	XXXX M	XX %	XXXX €

Compared to Q4 of CY 2007, sales results for Q1 of CY 2008 were up for euros and units by XX% and XX% respectively. ASP was down XX% with all three categories down.

Sales for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	XX %	-XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %

When considering bookings for this quarter compared to last, the overall results followed the same pattern as above but with more flair. Euros and units were up by XX% and XX% respectively while the ABP was down again, this time by XX%.

Bookings for Q1 CY 2008 Versus Q4 CY 2007

Category	Q1 CY 2008			Q4 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %

When compared to last year, Q1 CY 2008 overall results were basically opposite this time showing declines for euros and units and now a gain for ASP. Euros were down XX%, units were down XX%, and the ASP was up XX%. Most notable was a XX% jump from the standard/industrial switch category.

Sales for Q1 CY 2008 Versus Q1 CY 2007

Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ASP	Euros	Units	ASP	Euros	Units	ASP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	-XX %	XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	-XX %	-XX %	XX %

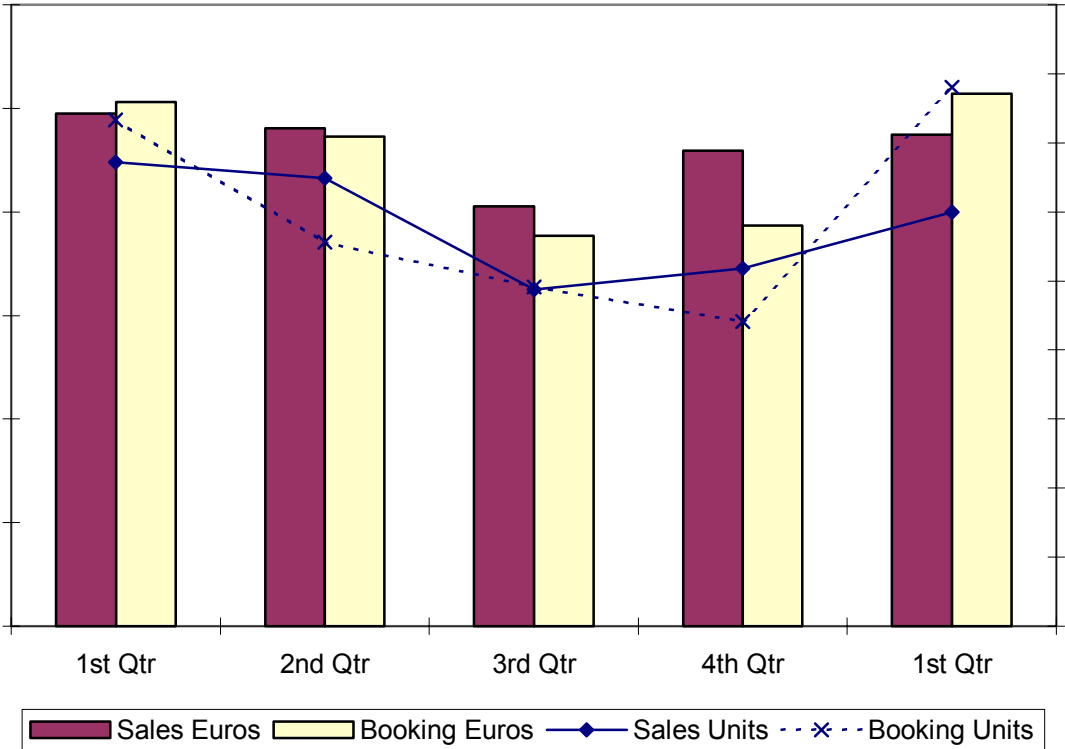
Booking measurements compared to Q1 CY 2007 showed euros and units up by XX% and XX% respectively. The ABP fell by XX% with two categories down and one up, the one up downing showing a sizable XX% improvement.

Bookings for Q1 CY 2008 Versus Q1 CY 2007

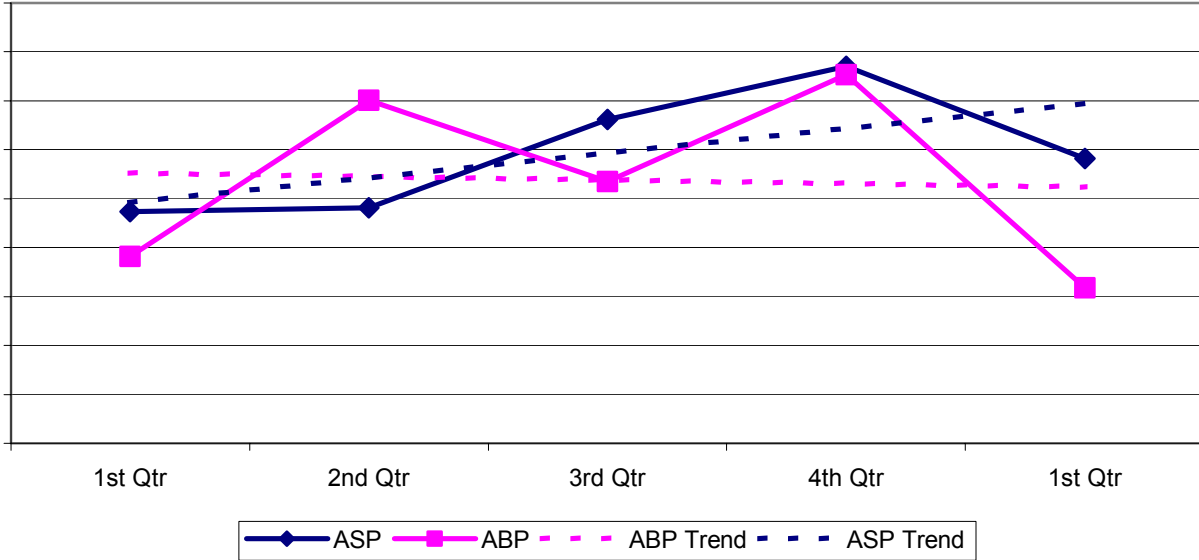
Category	Q1 CY 2008			Q1 CY 2007			% Change		
	Euros	Units	ABP	Euros	Units	ABP	Euros	Units	ABP
Subminiature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Miniature	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %
Standard/ Industrial	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	-XX %	XX %
Total	XXXX M €	XXXX M	XXXX €	XXXX M €	XXXX M	XXXX €	XX %	XX %	-XX %

All measurements, climbed this quarter, the two booking measurements actually higher than they have been in over a year. With the ABPs ups and downs, the flat trend continues. The ASP trend continues its upward climb despite the drop this quarter.

CY 2007/2008 Total Toggle Sales & Bookings

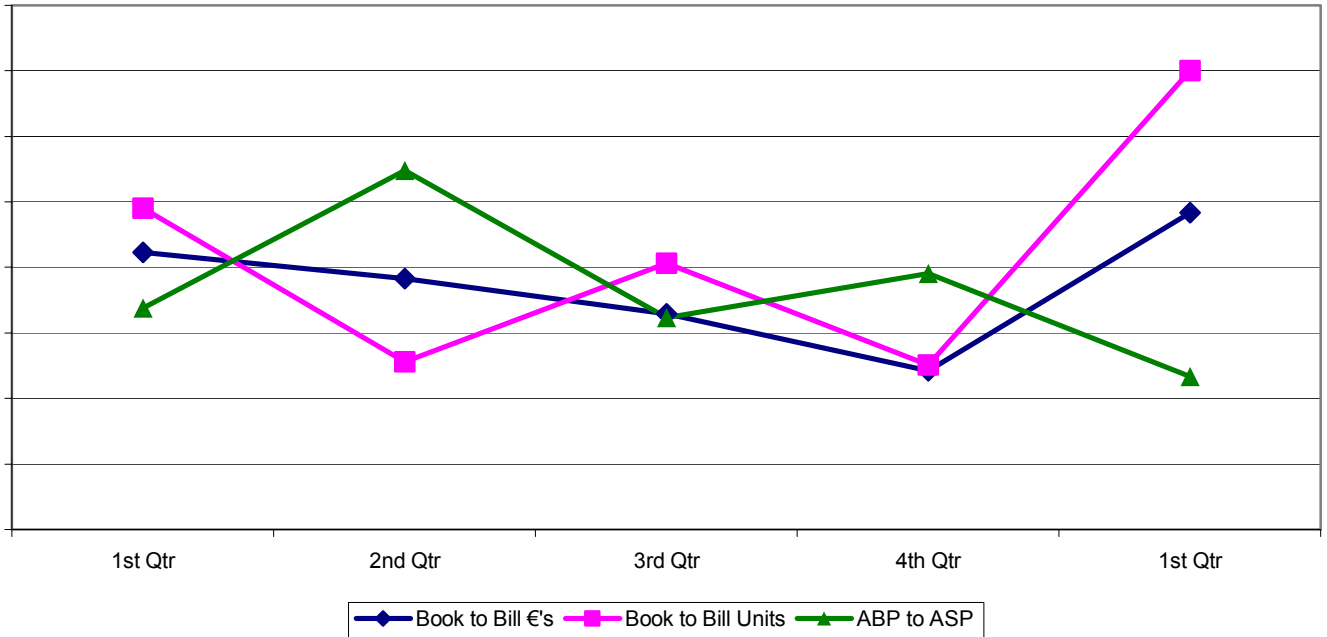


CY 2007/2008 Prices for Total Toggle



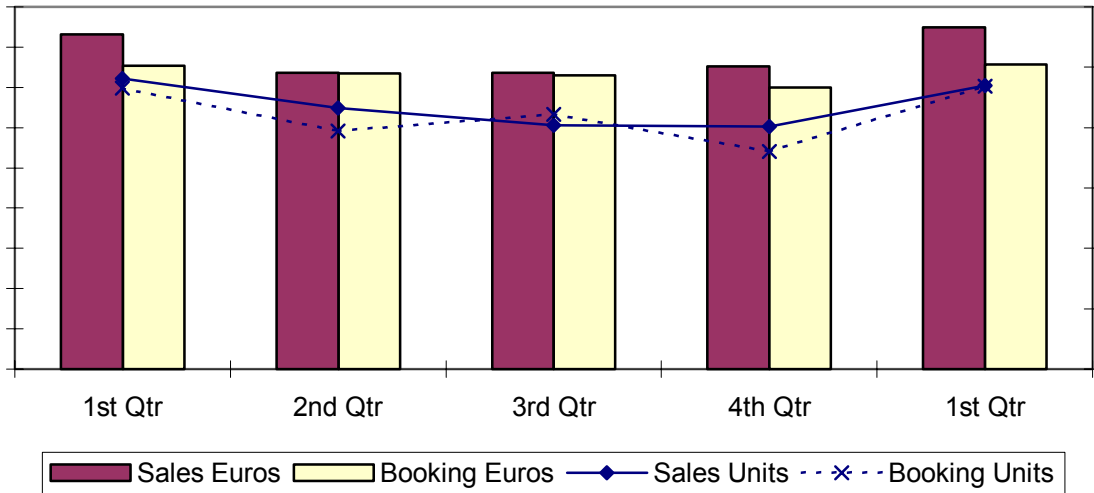
The two book to bill ratios moved up nicely, the book to bill units resting at XXXX, while the price ratio dropped.

CY 2007/2008 Ratios for Total Type

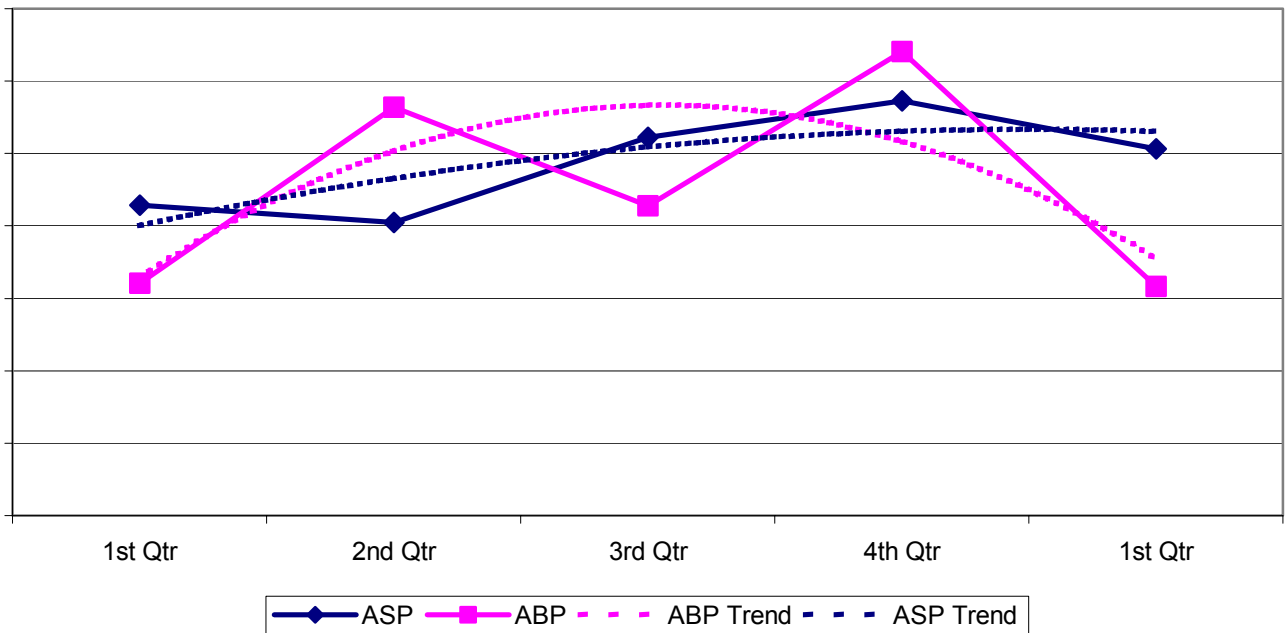


The subminiature toggle switch measurements all stretched higher this quarter. The ASP and ABP both moved down. However the ASP trend continued positive while the ABP fell enough to turn the curve downward.

CY 2007/2008 Total Subminiature Toggle Sales & Bookings

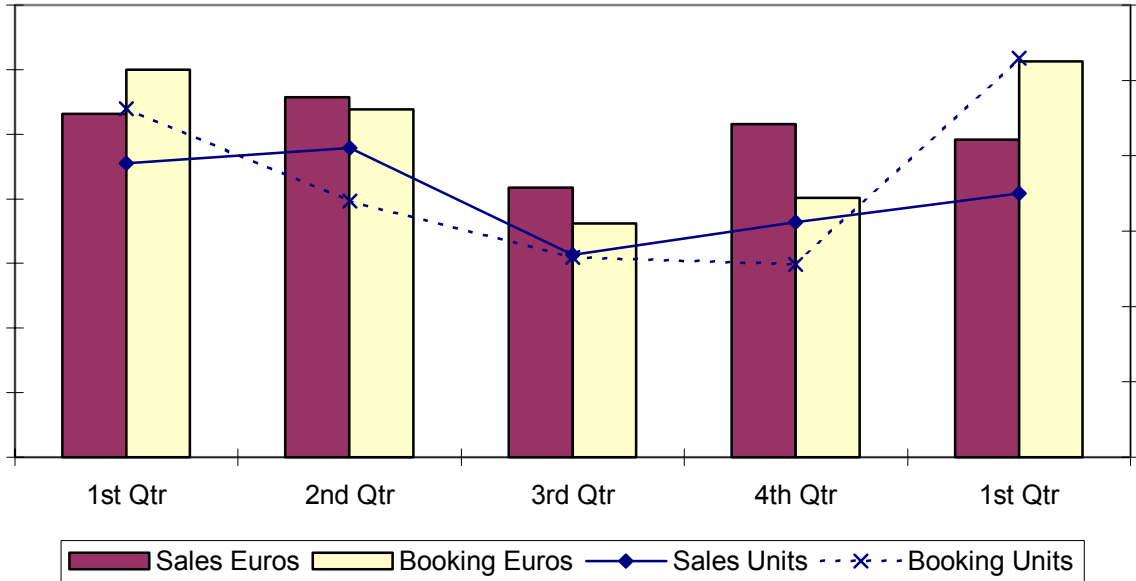


CY2007/2008 Subminiature Toggle Prices

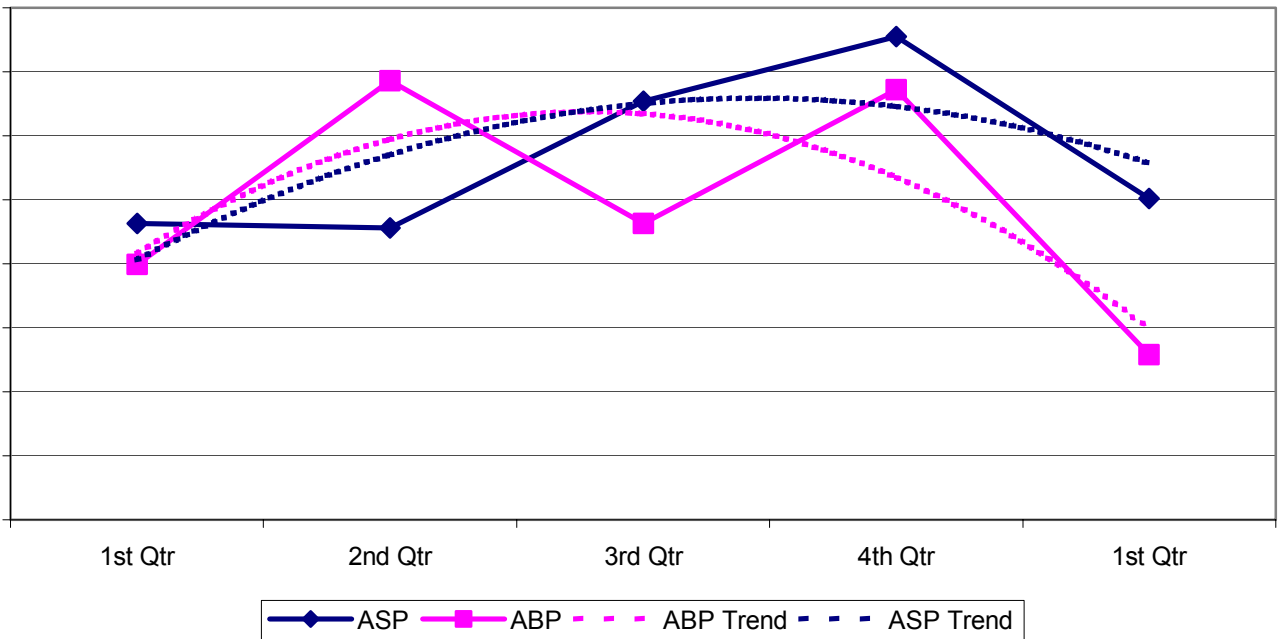


The two miniature toggle bookings results shot up. Only the sales euros took a gentle step downward from the previous quarter. The prices fell enough to make the trend curves negative again.

CY 2007/2008 Total Miniature Toggle Sales & Bookings

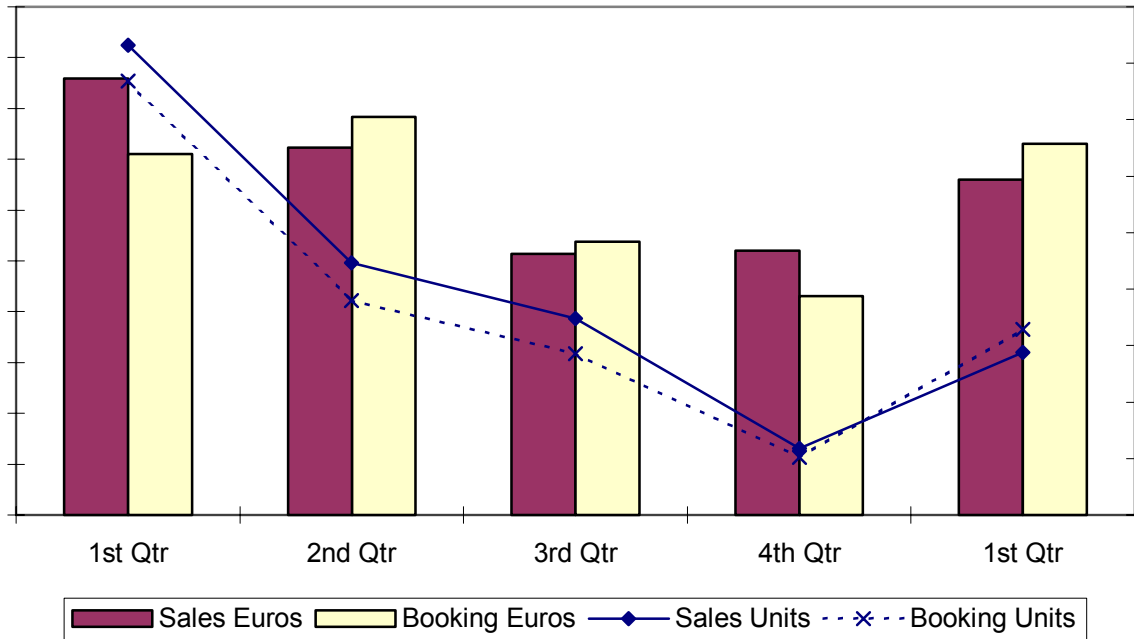


CY 2007/2008 Miniature Toggle Prices

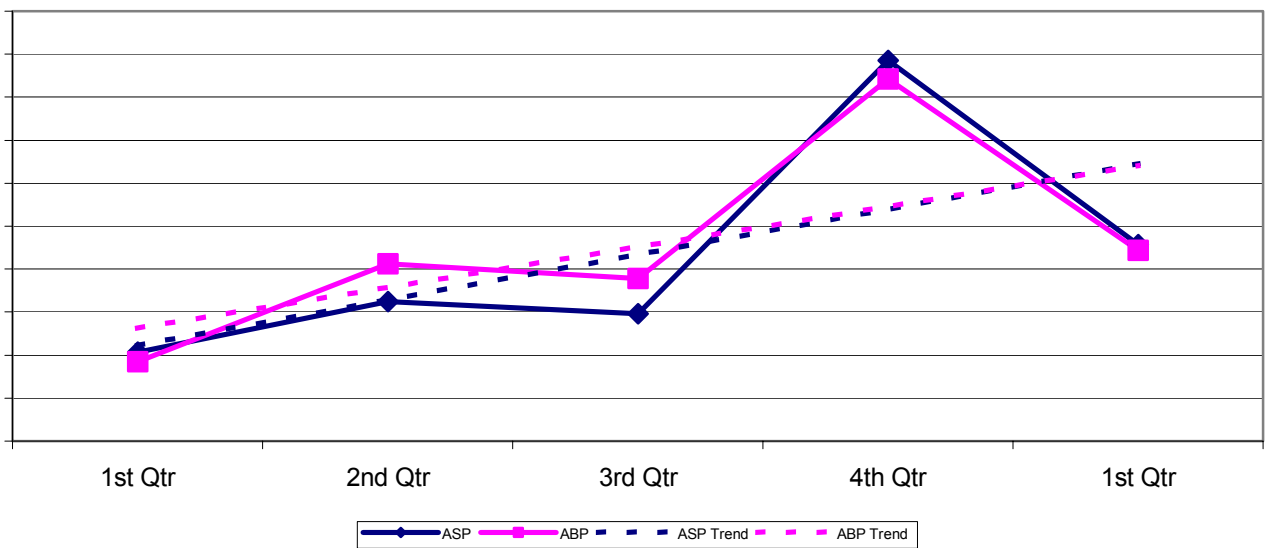


The standard/industrial toggle results increased this quarter after lows set last quarter. The ASP and the ABP zigzagged down but not enough to change the positive slope.

CY 2007/2008 Total Standard/Industrial Toggle Sales & Bookings



CY 2007/2008 Standard/Industrial Toggle Prices



Q1 CY 2008 Total Reported Toggle Switch Data

<u>Sales</u>	1 st Qtr	<u>Bookings</u>	1 st Qtr	<u>Ratios</u>	1 st Qtr
Subminiature		Subminiature		Sub Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Miniature		Miniature		Miniature	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Standard/ Industrial		Standard/ Industrial		Standard/ Industrial	
Sales Euros	XXXXXXXX €	Sales Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Sales Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX
Totals		Totals		Total	
Sales Euros	XXXXXXXX €	Booking Euros	XXXXXXXX €	Book to Bill €'s	XXXX
Sales Units	XXXXXX	Booking Units	XXXXXX	Book to Bill Units	XXXX
ASP	XXXX €	ABP	XXXX €	ABP to ASP	XXXX

Hot Topic

This Is No Time For Isolationism

A new round of isolationism has raised its head during the democratic primary as candidates ply the emotions of workers stuck in some segments of a shrinking manufacturing economy. Even NAFTA, the realization of the last Clinton administration, has been said to be one sided and lacks environmental teeth. Now I am all for protecting the environment but judging a trade agreement hammered out over 10 years ago by today's green sensibilities hardly seems fair or to the point of free trade.

The electronics industry has a long history of losing manufacturing jobs to overseas competition. Back in the 60's and 70's consumer electronics, televisions, radios, and stereo equipment, manufacturing became the realm of Japanese with automobiles quick to follow in the 80's. In the late 90's and earlier this decade personal computers, cell phones, and most other products with electronic content made its way to China or some other south east Asian country.

So let's take a look at isolationism to see how it can work for and more likely against us.

The Global Market Place

The world is far larger than the United States. With a population of 0.3 billion the United States represents 4.4% of the 6.7 billion humans that populate the global, according to the U.S. Census Bureau. China and India together account for 36% of the world population with 1.3 and 1.1 billion inhabitants respectively. These two countries in Asia have eight times the number of potential consumers the United States has.

The United States still produces over 20% of global manufactured output. Per the International Monetary Fund, in 2007 the United States produced \$13.2 trillion or 21.3% of the world total, China put out \$7.0 trillion or 10.8%, and India accounted \$3.0 trillion for a 4.5% share.

The United States is far more productive or efficient manufacturer than the Asian giants. Taking the GDP and population statistics from above, the United States has \$44,000 in GDP for every man, woman and child that resides here. For China the figure is \$5,385 and India is \$2,727 or approximately one eight and one sixteenth the productivity of the U.S.

With far greater productivity the U.S. needs to reach the 95% of the world's population outside of our country in order to grow

Tariffs

The first weapons in restricting foreign competition are tariffs or duties. Raise the cost of imports to help domestic manufacturers compete. Who does this help if domestic manufactures have moved some of their operations off shore to reach foreign markets and take advantage of lower cost production? What if domestic manufacturing no longer has the capacity to meet local needs? Who will invest in a manufacturing capability for a product that is only viable if the tariffs or duties are in place? Despite the answers to these questions one thing is clear, a product that has an import tariff or duty placed on it will cost the domestic consumer more. Either by having the tax passed along or by allowing an inefficient local manufacture to charge a higher price.

Low Cost Producers

Looking back over the past 150 years reveals that low cost manufacturing has migrated across the globe. At the beginning of this period, European countries were the industrial powers. Then at the turn of the last century their supremacy was challenged by the United States.

Industrial growth in the United States was powered by a plentiful and growing population of poor immigrants that were willing to work for less than those that stayed in Europe, a vast supply of untapped natural resources, and most important the innovations created by entrepreneurs such as Henry Ford, Thomas Edison, and many more. One of the best examples of the industrial might of the United States was its' ability to supply the allied forces of World War II with arms, ammunition, ships,

aircraft, vehicles, fuel, and food to wage war in Europe, Africa, and the Pacific while so many of our citizens were engaged in or were casualties of the fighting.

At the end of World War II the United States helped to rebuild the war ravaged countries in Europe and Japan. Japan started down the road to become the next manufacturing super power. During the 1950's "Made In Japan" meant inexpensive and low quality. Then with the teachings of W. Edwards Deming they came to realize that producing high quality products led to lower costs and very satisfied customers. This powerful combination allowed Japan to become a global leader in the manufacture of consumer electronics and automobiles.

The prosperity brought by a strong manufacturing economy can limit a country's ability to sustain a low cost position. A fast growing economy brings an increase in competition for skilled workers and other resources needed, leading to rising cost. Improving standards of living also increases the desire and demand for better lifestyles and the resources required to support them. This leads to higher costs, as it did in the U.S. and Japan.

Free Trade Is The Best Trade

Free trade must be fair trade. Imposing barriers and providing supports are inefficient and can hurt weak producers overtime. Insulating domestic producers from the reality of a global market perpetuates their inefficient methods and operations. Removing barriers requires producers to be cost effective in order to survive. Having a smaller number of globally competitive producers may be better than a larger group that could not survive without government intervention.

Government supports of industries, agriculture, commodities, or currencies again adds inequities and imbalances free trade.

The development of the North American Free Trade Agreement (NAFTA), the European Union (EU), and the World Trade Organization (WTO) will help to eliminate barriers and supports that prevent fair free trade.

The Only Thing Certain Is Change

So back to the folks in the Midwest that have lost jobs in manufacturing, for them to find work means finding a company that is growing. Being able to provide a product or service that is in demand and competitive globally is a sure way to grow.

The government can help by ensuring our companies have fair and equal access to foreign markets. Putting up barriers for entry into the United States will not help this.

Also, workers must accept change and have access to training so they can learn new marketable skills. Manufacturing jobs may continue to diminish, so a press operator or an assembler may need to become a quality control technician for a global insurer, or, the government could allow tax and

penalty free access to a portion of a person's 401K or other retirement accounts for funds to start a new business.

The important idea is to recognize change and determine how to take advantage of it. Remember there no longer any telegraph operators or very few buggy whip makers in the world today. But there are many that have found ways to harness the power of the Internet to conduct business all over the globe.

Industry News

Cherry

ZF To Acquire Cherry Corporation

ZF Friedrichshafen AG is further expanding its leading worldwide automotive supplier position for Driveline and Chassis Technology. Upon government approval, ZF will acquire the Cherry Corporation, headquartered in Pleasant Prairie, Wisconsin, with production locations in Germany, the Czech Republic, Mexico, Hong Kong, China, and India (India is a joint venture with TVS Group). The electronics manufacturer develops and produces among others switch systems, sensors, and control units for the automotive industry. In 2007, Cherry had sales of approximately \$400 million with 3,100 employees worldwide.

"With the new ZF Electronics, we are reinforcing our competence profile in the fields of mechatronics and electronics" underlined Hans-Georg Härter, ZF's CEO and President. "In particular for our future tasks in driveline and chassis technology, we can swiftly apply Cherry's know-how."

Cherry was founded in 1953 and develops as well as produces switches, sensors, control units, and electronics modules for the automotive industry, components for industrial and household applications, and computer input devices. Cherry's comprehensive know-how for electronics, software, mechatronics, and plastics technology is, for example, currently incorporated in mechatronics modules, sensor systems, operating switches, selector lever modules, and keyless entry electronics.

The company employs approximately 3,100 employees worldwide, half of the workforce is located in Germany, with headquarters in Auerbach, between Nuremberg and Bayreuth. For the rest of world, Cherry has approximately 900 employees in North America, 250 in Asia, and 400 in Eastern Europe. Total sales account for US \$400 million (250 million euros) with 65 percent generated in Europe.

Peter Cherry, Chairman and President of Cherry said: "This transaction has great strategic value; as it will allow Cherry to expand its current customer base and ZF will bring substantial additional resources for future growth in all of Cherry's product segments. There are many opportunities for incorporating Cherry's technologies into the broad range of ZF applications."

The innovativeness and performance of the company were recognized with the award for the "Best Factory of the Year 2005", and, at the end of 2006, with the "Automotive Lean Award", as well as in 2008 with the "Bavarian Quality Award". Among the customers of the Cherry Corporation are, in addition to ZF, various system suppliers, such as Autoliv, Valeo, Lear, Kiekert, and Continental.

Cherry Receives Indo-U.S. Business Cooperation Award

The Indo-American Chamber of Commerce has presented Cherry Corporation with an award recognizing Cherry's successful joint venture cooperation with TVS Group of India.

The IACC-Sanmar Indo-U.S. Business Cooperation Award was established to recognize outstanding contributions by corporations toward the promotion of U.S. - India business relations. Chairman Peter Cherry accepted the award on behalf of Cherry Corporation at a ceremony in Chennai on July 14, 2008. The 50/50 joint venture, TVS Cherry Pvt. Limited, manufactures switches and sensors in Madurai, both for the local Indian market and for export around the world.

Said Peter Cherry, "This award is a reflection of the substantial effort that has been made over the last 15 years by a great many people at Cherry, our partner TVS, and TVS Cherry. Their success evidenced by this recognition is testimony to how good people, supported by other good people, technology, and investment can build a company and an organization quite literally from the ground up. I am very proud of them." In acknowledging Cherry's partnership with TVS, he added, "Their reputation is sterling and we are fortunate to have had them as an integral part of the team."

C&K Components

Silent Detect Switch with Wide-Angle and Radial Actuation

Automotive-grade switch features variety of orientations for increased design flexibility....

C&K Components has developed a versatile silent detect switch with a variety of orientations. Designated the KSJ Series, the single pole, single throw, normally open detect switch features high actuation tolerances along with silent and linear operation during actuation with no tactile effect.

"The features of this detect switch, including straight and vertical orientations, extended actuation periods, and high actuation tolerances, as well as silver and gold platings for various environments, provide designers with a high degree of flexibility," said Product Manager for C&K Components. "Coupled with the 'ghost' silent actuation mechanism and designed for end-of-stroke use, the switch is ideal for applications ranging from automotive to industrial to computer peripherals."

As an automotive-grade product, typical applications for the KSJ Series switch include retractable dashboard LCD end of stroke detection, defroster positioning in HVAC rotating buttons, and

passenger airbag switches. The switch is also suitable for computer infrastructures and industrial electronics, such as rotating and sliding button end of stroke position detection.

The top or side actuated KSJ Series detect switch features long actuation periods of up to 2000 hours under 85°C which ensure higher time at ambient temperature. The spherical actuator ensures ±30 degree operation (actuation force angle offset) and has extended travel with a maximum stroke of 1.2mm. The switch is designed with flux sealing and 100K actuation endurance, and has a feedback of 1N.

Voltage range for the detect switch is 20mV to 32VDC and current ranges from 1mA to 50mA. Contact resistance is less than 100mΩ, with a bounce time of less than 1ms. Power ratings are 1VA for the silver plating and 0.2VA for the gold plating. Operating temperature ranges from -40°C to +85°C (silver plating) and -40°C to +125°C (gold plating).

Microminiature Detect Switch for Advanced Mezzanine Card Applications

RoHS-compliant detect switch features wide temperature range, long operational life...

C&K Components has developed a microminiature surface mount detect switch designated the HDT Series, the switch sits just 3.5mm off the PC board and is designed for both top and side actuation.

"With an extended temperature range and long electrical and mechanical life, the HDT Series detect switch is ideal for Advanced Mezzanine Card (AMC) applications," said Worldwide Product Manager for C&K Components. "This detect switch is currently implemented as a reference design for the handle mechanism on AMC cards."

AMC product standards are designed to support ATCA and MicroTCA systems that are being increasingly employed in telecommunications, server, medical and military applications.

The HDT Series microminiature detect switch features a long operational life of 100,000 cycles. Maximum actuation force is only 35 grams. Pre-travel is 0.30mm with over-travel of 0.75mm. Maximum contact resistance is 500mohms, with a maximum contact rating of 1mA at 5VDC. Operating temperature ranges from -40°C to +85°C. The switches are pick and place compatible and available in tape and reel packaging.

Microminiature pendulum SM detect switch allows side or top actuation

Stands just 3.3mm off the board

C&K's new SDT series micro-miniature surface mount detect switches have a pendulum-style construction sitting just 3.3 mm off the board. The pendulum-style actuation allows devices to be actuated from either side or the top.

The low profile SDT range also features a very low actuation force of 30g (max) and the recommended stroke to actuate the switch is 30 degrees or more off the center line. Mechanical and electrical life is 100,000 cycles minimum and the contact rating is 1mA, 5VDC. Operating temperature is -20 to +70degC; storage temperature is -30 to +80degC. SDT detect switches are RoHS compliant and compatible.

Comments C&K's Product Director: "The low profile and small body size saves valuable space on a PCB. The reduced package size and the flexibility of being able to actuate from either direction make this detect very popular in consumer electronics, medical devices and ATCA hot-swapping applications."

Family of Miniature Slide feature right angle actuations for low board profile

Process compatible switches offered in multiple configurations

C&K Components has developed a family of miniature slide switches designed specifically for applications where height or surface area is restricted. Including the AYZ, JS, JSM and PCM Series devices, the ultra-low profile slide switches are suitable for momentary or momentary and latched operation.

"The miniature slide switches are offered with right-angle surface-mounting and actuation styles, allowing for some of the devices to sit less than 0.7mm high," said Vinny Acampora, worldwide product manager for C&K Components. "The extended range of features including mounting options, contact reliability and configurations make the slide switches ideal for applications such as mobile telecommunications, remote control equipment, computer peripherals, instrumentation, and test and measurement equipment."

The miniature 1.5mm high AYZ Series slide switches can be right-angle and surface mounted. The switches are available with one or two poles, feature double- and triple-throw action, and offset or side actuation. Contact resistance is less than 80mΩ, with life cycles to 10,000 operations.

The sub-miniature JS Series slide switches feature a profile down to 0.7mm, positive detents, high contact reliability and right or center actuation, and can be surface or through-hole mounted. Available in SPDT, DPDT and DP3T models, the switches have IR reflows to 260° solder profile, contact rating of 6VDC @ 3A and life cycles to 5,000 operations.

Similar to the JS Series slide switches, the JSM Series switches also feature positive detents, IR reflow to 260° solder profile, and can be surface or through-hole mounted. The JSM switches are

offered in SPDT, SP3T models and feature maintained and momentary functions. Contact rating is 4VDC @ 0.3A, with lifespan to 10,000 cycles.

The PCM Series ultra miniature surface mount slide switches are available in SPDT and SP3T models. Contact rating is 6VDC @ 0.3A, with a mechanical life to 50,000 cycles. The switches are available in tape and reel packaging.

Honeywell

Honeywell Reports Second Quarter Sales Up 13% To \$9.7 Billion And Earnings Up 23% To \$0.96 Per Share

Company Raises 2008 EPS Guidance to \$3.75 - 3.85

MORRIS TOWNSHIP, N.J., July 18, 2008 -- Honeywell (NYSE: HON) today announced second quarter 2008 sales increased 13% to \$9.7 billion from \$8.5 billion last year. Earnings were up 23% to \$0.96 per share, versus \$0.78 per share last year. Cash flow from operations was \$1,042 million versus \$983 million in the second quarter of 2007 and free cash flow (cash flow from operations less capital expenditures) was \$853 million, compared to \$820 million last year. Year to date the company has generated cash flow from operations of \$1,763 million versus \$1,561 million in the same period last year and free cash flow (cash flow from operations less capital expenditures) of \$1,424 million, compared to \$1,278 million in 2007.

“Honeywell delivered a strong second quarter,” said Honeywell Chairman and CEO Dave Cote. “These results reflect our diverse and global business portfolio and the strength of Honeywell’s operating disciplines. Aerospace continued to win significant new contracts, Automation and Control Solutions made acquisitions in key adjacent markets, Transportation Systems added new platform wins to its turbo technologies leadership position, and Specialty Materials had sales growth in all businesses and regions.”

“We expect double digit earnings growth in the second half,” continued Cote. “Our businesses are well positioned with long-term macro trends, such as safety, security, energy efficiency, and energy generation. We believe that our great positions in good industries and continued flawless execution on productivity initiatives – Honeywell Operating System, Velocity Product Development, and Functional Transformation – will help us deliver consistent and profitable growth even in this tough global economic environment.”

Honeywell is increasing its previously stated 2008 sales guidance to \$37.6 – 38.2 billion and full-year earnings per share to \$3.75 - 3.85. EPS guidance does not include the expected gain on the sale of the Consumables Solutions (CS) business. The company expects a gain on the sale of CS in the third quarter, which may be significantly offset by repositioning or other actions.

Second Quarter Segment Highlights

Aerospace

- Sales were up 8%, compared with the second quarter of 2007, driven by 7% growth in Commercial and 11% growth in Defense and Space. Commercial sales reflected growth of 6% in original equipment and 7% growth in aftermarket spares and services. Defense and Space sales included the positive impact of the Dimensions International acquisition and higher sales of certain surface systems.
- Segment profit grew 15%, while segment margin increased by 100 bps to 18.3%, due primarily to increased prices, productivity, and volume growth, partially offset by inflation and higher spending to support new platform growth.
- Aerospace announced a definitive agreement to sell its Consumables Solutions business to B/E Aerospace for \$1.05 billion in cash and B/E common stock.
- Honeywell was awarded the third option year of a U.S. Army contract to improve performance and extend the life of the AGT1500 turbine engine that powers the M1 Abrams tactical vehicle. The option year is valued at \$311 million, bringing the total contract value to more than \$1 billion.
- Honeywell signed a contract with Southwest Airlines to provide aftermarket maintenance services on Southwest's entire fleet of Boeing 737s for the next 10 years. The contract is an extension of an existing contract for similar services. Honeywell will provide aftermarket repair and overhaul services on its Auxiliary Power Units, hydro mechanical units, avionics, lighting, mechanical components, and wheels and brakes for Southwest's entire fleet plus future aircraft deliveries.

Automation and Control Solutions

- Sales were up 19%, compared with the second quarter of 2007, driven by net growth from acquisitions and divestitures and a favorable impact from foreign exchange. Sales were up 22% in the Products businesses and up 15% in the Solutions businesses.
- Segment profit grew 17%, while segment margin decreased 20 bps to 10.8%. Segment profit was up due primarily to productivity savings, improved pricing, acquisitions (which were dilutive to segment margin), and the favorable impact of foreign exchange, partially offset by inflation.
- Honeywell Security expanded its presence in the \$16 billion imaging, scanning, and mobility segment by announcing the acquisition of Metrologic Instruments, a data capture and collection hardware and software company. Metrologic will be part of Honeywell Imaging & Mobility, a business within Honeywell Security. Honeywell Imaging & Mobility also includes Hand Held Products, a leading

manufacturer of imaging and mobility solutions, acquired by Honeywell last year.

- Building Solutions announced it has been awarded a \$15 million contract by the City of Tallahassee, Fla., to implement a smart metering network that will allow the city to automatically collect electricity, natural gas, and water usage data from residents and local businesses. The network will include more than 220,000 electric, gas, and water meters and help reduce operating costs by up to \$21 million over 15 years.
- Process Solutions announced Suncor Energy will use Honeywell UniSim® simulation technology to train operators at its Voyager Oil Sands Upgrader Operation in Northern Alberta, Canada. UniSim is integral to Suncor's "Operational Readiness Initiatives," which prepare operations staff for safe and efficient plant start-ups.

Transportation Systems

- Sales were up 6%, compared with the second quarter of 2007, driven by foreign exchange and higher volume and pricing to commercial engine manufacturers, partially offset by lower sales to European light vehicle manufacturers and continued softness in automotive aftermarket sales (CPG).
- Segment profit decreased by 5%, while segment margin decreased by 130 bps to 11.2%, due primarily to CPG volume declines and investments in product development to support future turbo platforms. These factors were partially offset by increased productivity in Turbo Technologies and, with respect to segment profit, the favorable impact of foreign exchange.
- Turbo Technologies was awarded contracts that include new technologies such as advanced gasoline turbochargers, diesel VNTs, two-stage systems, and micro-turbos estimated at more than \$650 million in revenue over the life of the programs. The new platforms are expected to be launched in Europe, India, Korea, and the U.S. starting in 2009. Honeywell expects global sales for turbochargers to grow from 30% of the overall automotive segment to more than 37% by 2013.
- Turbo Technologies was chosen by Ford for the introduction of EcoBoost technology, which will come to market first on the 2010 Lincoln MKS model automobile in 2009. The new turbocharged V6 engine will perform like a comparable V8, but with increased fuel economy and reduced CO2 emissions.

Specialty Materials

- Sales were up 19% compared with the second quarter of 2007, driven by growth in all businesses, particularly UOP and Resins and Chemicals.
- Segment profit grew 6%, while segment margin decreased by 160 bps to 12.8%. The increase in segment profit was due primarily to increased pricing and productivity gains, which more than offset higher raw material costs and inflation. Increased pricing primarily reflects formula based pass through of higher raw material costs, which is dilutive to segment margins.
- UOP will partner with Honeywell Aerospace, Airbus, JetBlue Airways, and International Aero Engines to study sustainable biofuel use for commercial aircraft. UOP also joined the Algal Biomass Organization, which is led by Boeing and includes Air New Zealand, Continental, and Virgin Atlantic Airways, to seek ways to help commercialize sustainable, next-generation biofuels for use in

commercial jetliners.

•Honeywell Specialty Films announced it has developed a new material to protect photovoltaic (PV) solar cells in heat pervasive environments. The new product, called Honeywell PowerShield™ PV325, protects PV modules - including the critical components that convert sunlight into electricity.

Marquardt

Micro-signal switch 1065 - the NEW switch for control currents

The Allround-Talent for the control current sector

The new 1065 is perfect for use in the Control Current Sector - its compact design and sheer diversity of connection types, lever forms and methods of attachment are ideal for a host of applications.

Typical applications include:

- drive authorisation systems
- locking systems
- office equipment
- computer and peripheral devices
- safety device and signalling technology
- heating and airconditioning control
- medical technology
- and many more

Pure precision - down to the smallest detail

The advantages of the 1065 are not only in its compact design and multifaceted diversity but in its details and specifications:

- more safety thanks to a redundant contact system
- dustproof and watertight up to IP 67
- three switching positions detectable

- diagnosable version with internal resistors
- high level of tolerance compensation thanks to a 2.6 mm overtravel
- approach angle of up to 40° without additional lever
- noiseless switching system
- ideal for power-sensitive applications
- switching current 1 – 100 mA at 5 – 30 V DC
- cost-efficient overall concept

NKK Switches

May 6, 2008 - NKK SWITCHES EXPANDS AVAILABILITY OF KP SERIES OF PUSHBUTTON LED SWITCHES

SCOTTSDALE, AZ (May 6, 2008) – NKK Switches, the world’s leading designer and manufacturer of innovative electromechanical switching devices, announces the expanded availability of the KP Series of illuminated, silent actuation pushbutton switches. Enhancements to the KP Series of illuminated silent pushbutton switches include silent or audible actuation with shorter strokes, making it ideal for audio/video applications. These additional KP Series options offer the greatest flexibility to design engineers.

With high-quality LEDs for superior color matching, the KP Series enables designers to create customized control panels with project specific colors with low power usage. The KP series comes standard with red/green built-in LEDs, which can be combined to produce amber. High quality RGB LEDs are also available and allow for brilliant, infinite colors. The built-in LED frees engineers from having to source LEDs on their own and install them, or from having to assemble an LED into the base switch at all.

The KP illuminated pushbuttons feature a unique actuation guide to ensure positive indication of circuit transfer, the KP Series offers an option between silent and audible actuation. In addition, design engineers are provided a choice of tactile or non-tactile feedback.

NKK further enhanced the ease of installation of the KP Series by adding a specially designed, snap-in stand off for secure PC board mounting and alignment.

Three different industry standard cap sizes are available in the KP Series, including a home key with a small divot in the center of the cap: 12mm, 15mm or 17.4mm sizes, allowing for maximum design flexibility. To complete the broadcast panel, NKK offers the rectangular cap with LEDs as well.

Rated at 100mA maximum @ 12V DC, the KP Series has twin contacts with gold plating to assure high reliability and a long life of 5 million operations minimum. Terminals are epoxy sealed to lock out flux, dust and other contaminants. Terminal spacing has standard PCB spacing of .100" (2.54mm).

May 20, 2008 - NKK SWITCHES NEW FR SERIES OF ROTARY SWITCHES NOW AVAILABLE

SCOTTSDALE, AZ (May 20, 2008) - NKK Switches the world's leading designer and manufacturer of innovative electromechanical switching devices, today announced the availability of the new FR series of 10mm Ultra-Thin DIP Rotary switches. The newly-designed FR series replaces NKK's DR series rotary switches and incorporates the best characteristics of NKK's rotary devices and provides unprecedented quality and reliability for which NKK is renowned.

The FR series of binary coded DIP rotaries are environmentally friendly devices and meet the RoHS directive restricting the use of hazardous substances. The heat resistant resin materials are UL94V-0 and suited to lead-free solder processing applications including vapor phase and infrared convection reflow soldering for SMD option.

The FR series of DIP rotaries offer compact dimensions and a low profile allowing for high density mounting and close stacking of PC boards. Available in real or complement codes, decimal or hexadecimal configurations, the FR series can be specified in through-hole or SMD models. Highly visible and easy to read legends use arrows to indicate position and provide trouble-free code setting. Color-keyed actuators identify codes. Electrical capacity switching rating is 100mA @ 5V DC; nonswitching rating is 100mA @ 50V DC. The cam activated movable contact and gold contacts ensure contact reliability and continuity while the detent mechanism gives crisp, positive action providing accurate switch setting. Actuators are fully rotational and can be operated either clockwise or counterclockwise.

Through-hole devices can be specified with screwdriver or shaft actuators with straight or right angle mounts. Terminal spacing in straight PC through-hole is .100" between pins and .300" between rows. Packaging includes stick tube for through-hole versions and tape/reel for SMD. Right angle versions are available in two different footprints. The standard footprint is .100" between pins and .100" between rows. A new option of .100" between pins with .200" between rows is available to facilitate change over designs from DR series footprints. Crimped terminals ensure secure PC mounting and prevent the FR devices from dislodging during soldering.

SMD versions are straight mount with screwdriver actuators. Gull-winged terminals deliver mechanical stability during soldering and simplify solder joint inspection. The co planarity tolerance zone is .0059" (0.15mm) maximum, the allowable distance between all considered surfaces in two parallel planes. Optional snap-on knobs are available for screwdriver actuated models and feature a black knob with a transparent flange.

Appendix “A”

Types & Subcategories								
Switch Types	DIP	Keylock	Push Button	Rocker	Slide	Snap Action	Tact	Toggle
Sub-categories	1. Rotary 2. Half Pitch 3. Standard (includes piano, rocker, & slide actuators)	1. Sub Miniature 2. Miniature 3. Standard/Industrial (Includes, 18mm, 22mm, 30 mm)	1. Sub Miniature ≤6 mm x10 mm 2. Miniature >6 mm x10mm 3. Standard/Industrial, Illuminated 4. Standard/Industrial, Non-Illuminated	1. Sub Miniature 2. Miniature 3. Standard/Industrial Illuminated 4. Standard/Industrial, Non-Illuminated	1. Sub Miniature ≤6 mm x10 mm 2. Miniature >6mm x10mm 3. SMT (Surface Mount Technology) 4. Standard/Industrial (includes power)	1. Sub-Sub Miniature 2. Sub Miniature 3. Miniature 4. Panel/ Door Mount 5. General Purpose	1. Through Hole ≤ 8mm 2. Through Hole >8mm 3. Surface Mount ≤ 8mm 4. Surface Mount >8mm 5. Illuminated Tact Switches	1. Sub Miniature ≤6 mm x10 mm 2. Miniature >6 mm x10mm 3. Standard/Industrial Illuminated

**DATA LESS
SAMPLE**



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European Contributing Subscribers	DIP SWITCHES		
	Rotary	Half Pitch	Standard (includes piano, rocker & slide actuators)
C & K	RTE,RBP,RTA,RTB,A, F, H, M, R	DA, TDP	BD,BP,BPA, CD, CRD, SD, SDA, SPA
Cherry	None	None	None
Crouzet	None	None	None
Defond	None	None	None
Honeywell	None	None	None
Johnson	None	None	None
Knitter	DRS 3000/4000, DRR 3000/4000, SMR 5000, DRS 13 000/14 000, SMR 13 000/14 000, DRS 7000/8000, DRR 7000/8000, SMR 7000-1/8000-1, SMRR 9000, DRS 20000/21000, DRR 20 000/21 000, SMR 20 000, DRJ 60 000 DRR 60 000, SMR 60 000, DRS 20	DHS 100, DHS 900	DSS 100, DSS 300, DSS 200, DSS 400, DSS 700, DSS 800, SMS 000, DSS 500, SMS 500, DPS 700, DPS 800, SMP 700, SMP 800, DBS 1000, DBS 1100, DBS 9000 K, DBS 9100 K, SBS 1000, SBS 9000 TK, SBS 9100 TK, SBS 9000 JT, DBS 5000, DBS 5100, SBS 5000, SBS 5100, DBS 2000, DBS 2100, DBP 2000 DBP 2100, DBP 9100, SBP 9100 T, DBS 3000, DBS 3100, DBP 3000,DBP 3100, SBP 1000, SBP 5000, DBT 1000, SBT 1000
Marquardt	None	None	None
NKK	ND, ND3, FR	JS04	JS01, JS02, JS03
Omron	A6A, A6C, A6CV, A6R, A6RV	A6H	A6D,A6DR, A6E,A6ER, A6S,A6T
Rafi	None	None	None

European Contributing Subscribers	Keylock Switches	
	Miniature	STD/ Industrial (includes 18mm, 22mm, 30mm)
C & K	PM, YF, YM	A, BY, P, PF, PL, Y, H
Cherry	None	None
Crouzet	None	None
Defond	None	None
Honeywell	AML 27	None
Johnson	None	E1, M1, K2, P2, TH4, TH8, TH25
Knitter	MRK 1000	MRK 300
Marquardt	None	None
NKK	SK	CKL, CKM
Omron	None	None
Rafi	None	1.15.108.--, 1.10.118.--, 1.10.119.--, 1.10.140.--, 1.15.108.--, 1.15.156-- -, 1.15.166.--

European Contributing Subscribers	Push Button Switches			
	Sub Miniature <6mm x 10mm	Miniature >6mm x 10mm	STD/ Industrial Non-Illuminated	STD/ Industrial Illuminated
C & K	8500, GP, KM,	TP	D6, Digitast, PVA, F, Fox, PHA, 8020, 8060, 8600, 8700, E010, E020, EP, F, NE18, PN,	ELUM
Cherry	None	None	None	None
Crouzet	None	None	None	None
Defond	None	None	APJ, APQ, APR, APH, APT, CPN, CPU, CPV, DPC, CPY, DPE	APM, CPX
Honeywell	None	MML11, MML21, MML31	AML11, AML12, AML21, AML22, AML31, AML32, Series 2, Series 4, PB	AML11, AML12, AML21, AML22, AML31, AML32, Series 2, Series 4, PB
Johnson	None	Missing	3290,3292, 3200, TH4, TH5, TH8, TH25	3290,3292, 3200, TH4, TH5, TH25
Knitter	FP, APE, SSP, ESP, TSP	SPA, MPA, MPE, MPG, MPS /MPT, EPS, MSP, MPBS	DPW, MAV	DPWL, LP2
Marquardt	None	None	5000,1840, 1680,1683, 1660,1670	5000,1840, 1680,1683, 1660,1670
NKK	AB,BB,FB, G3B,GB, GB2, HB, HB2	EB,KB, KP,M2B, MB2000, MB2400, SB4011, UB,UB2, YB, DB	DLB, LB LP	JP, LB, SB, SCB, WB, LP, FP
Omron	None	None	None	None
Rafi	None	None	1.01.001.--, 1.01.102.--, 1.10.001.--, 1.10.101.--, 1.10.102.--, 1.10.107.--, 1.15.106.--, 1.15.112.--, 1.15.116.--, 1.15.154.---	1.01.001.--,1.01.102.--, 1.10.001.--, 1.10.101.--, 1.10.102.--, 1.10.107.--, 1.15.106.--, 1.15.112.--, 1.15.116.--, 1.15.154.---

European Contributing Subscribers	ROCKER SWITCHES			
	Sub Miniature	Miniature	STD/ Industrial Non-Illuminated	STD/ Industrial Illuminated
C & K	T	7000, D, DM, DT, E, DA	9000, C, CA, CG, CM, CR, DF, ET, JA	CA, CL, CN
Cherry	PR	SR, LR, RR	CR, TR, WR, GR	CR, TR, WR, GR
Crouzet	None	None	None	None
Defond	None	APF	ARA, ARB, ARG, ARH, BRB, BRD, BRG, BRP, BRQ, CRE, CRL, CRT, DRC, DRB	ARC, ARD, ARN, BRF, CRA, CRD, CRP, DRA, DRD, DRH, DRX, CRH
Honeywell	None	MML 24	AML 24, AML 26, AML 34, AML 36	
Johnson	None	3670,3672, 3673,3680	None	None
Knitter	TSR, TSRE	MZR, MZRE	MZRP	MZRP
Marquardt	None	1800,1830, 1855,1858	1900,1930, 1550	1900,1930, 1550
NKK	A, G, GW	CWS, CWT, M, M2100, M2T, MLW, CWSB, CWSC	LW	JWL, JWM, P, SW, WR JWS
Omron	None	None	None	None
Rafi	None	None	None	None

European Contributing Subscribers	Slide Switches			
	Sub Miniature <6mm x 10mm	Miniature >6mm x 10mm	SMT	Standard Industrial
C & K	JS, JSM	1000, AYZ, L, LP,		ES, GS, PCM, S, TS, V, OS
Cherry	None	None	None	None
Crouzet	None	None	None	None
Defond	SSE	SSM, DSQ, DSN, DSM	None	AASH, ASQ, ASR, CSJ, CSK,CSR, DSE, DSH, ASL, ASD
Honeywell	None	None	None	None
Johnson	None	Missing	None	None
Knitter	MMP, MFP, SSS	ASE, ASL, MFP, MFS, MSS	MSS	None
Marquardt	None	None	None	4021
NKK	SS, AS, SM	MS, CS, FS, MS	SS3	None
Omron	None	None	None	None
Rafi	None	None	None	None

European Contributing Subscribers	SNAP ACTION SWITCHES				
	Sub Sub Miniature	Sub Miniature	Miniature	Panel/Door Mount	General Purpose
C & K	MDS	LC, LCA, LCS, MM, ZMA, ZMS	TF, TM	TL	A, HB, LF, ZM
Cherry	DK, DJ, DR, DG	CS, DB, DA3, E61, E62, E63, E64, HM, DE, E72, E73, DC, DCJK	D3, D4, K, E21, E22, E23, E31, E33, E34, E35, E36, E51, E53, DN, DD	E65, E68, F68, E69, F69, E75, E77, F77, E78, F78, E79, F79, F80, F85, FA2, FA3, FB	E13, E14, E29, E30, E19, G20, E20, E28, GP
Crouzet	None	83132, 83133, 83170, 83180	83161, 83160.7, 83137, 83169, 81290	None	831060, 831090, 83111, 83112, 83154
Defond	DMG, CME	DMB	DMC, DMU, DMA	CPV, BPJ, BPQ	None
Honeywell	SX, US, UX, ZX, XE	SM, UM, ZM, ZV, ZW, SE	V5, V7	WW, AC, DM, DP	BZ/BA, HT, MT, DT, TB
Johnson	X5, F1, F4, F5, F6	XC, V4N, V4NS, X4, V4NC, V4L, V4LS, V4NCS, 290	XG, V3S, G3, BVM3, X3, 340, 390, 380	XT, XP, TPS, DS, 1427, 1429, 1430, V3Q, 2V3	PN4, 4BR, 3BR, KB5, KB5EQ, V9N, V9
Knitter	DMSSM	DMDM, DMSM	DMVM	None	None
Marquardt	1055, 1056, 1058	1050, 1052	1080, 1085, 1005, 1006, 1004, 1000	1116, 1117	1010, 1011, 1014, 1015, 1017, 1018, 1019, 1021, 1022, 1035, 1040, 1092, 1095, 3002, 3005
NKK	None	None	None	None	None
Omron	D2FN, D2MQ, J, D2HW, D2JW	D2S, SSG, SSN, SSP, D2FW-G, D2SW	D2VW, D2RW, D2RV, D2MV, D3V, KN, L, V-UNIT, VN, VX, D2MC	D2A, D2X, D3C, D3K	A, Z, X, DZ, T
Rafi	None	None	None	None	None

European Contributing Subscribers	TACT SWITCHES				
	Through Hole < 8mm	Through Hole > 8mm	Surface Mount < 8mm	Surface Mount > 8mm	Illuminated
C & K	K6, KSA, KSB, KSI, KSF, KSJ, K5V, KT	K12	K6, K5, KSC, K5AT, KSR, KSS, KST, K5G, KMR, KMS, KMT, KMX, PTS	None	K12L, K6L, K5AT, K5V
Cherry	None	None	None	None	None
Crouzet	None	None	None	None	None
Defond	None	None	None	None	None
Honeywell	None	None	None	None	None
Johnson	None	None	None	None	None
Knitter	TS6, TSE6, TR, TM, LTR1, LTM1, TP2, TMP, TME, TS3	TS2, TSE12	TMS, TSS6, TSSE6, TMSE, TSS4, TSS3, TSS 500, TSS 600, TSS 300	TSS2, TSSE12	TR2, TM2, TR3, TM3, LTR2, LTM2, TP2L, TSSL
Marquardt	None	Missing	None	Missing	Missing
NKK	None	CB,JB,JF	CB	None	Missing
Omron	B3F,B3M, B3W, 3WN	Missing	B3FS,B3S, B3SN, B3D	None	None
Rafi	Missing	Missing	Missing	Missing	Missing

European Contributing Subscribers	Toggle Switches		
	Sub Miniature ≤ 6mm x 10mm	Miniature > 6mm x 10mm	STD/ Industrial
C & K	GT, ET, T	7000, E	9000, MIL-S-83731
Cherry	None	None	None
Crouzet	None	None	None
Defond	None	DTD, DTQ	CTA, DTA, DTC, DTW, DTY
Honeywell	None	None	AML 25, AML 33, AML 35
Johnson	None	None	None
Knitter	FT 300, ATE, EST, SST, TST, TT	MZ, STA, STM, MTA, MTE, MTL, MTW, MTG, EST	None
Marquardt	None	1810, 1820	None
NKK	A, B, G, G3T	M, D2, M2100, M2T, TL	P, S, WT
Omron	None	None	None
Rafi	None	None	None