



Q1-2019 IDEA European Electronic Component Quarterly graphics package

in association with the local trade associations:



This package of 24 different quarterly graphics is derived from IDEA statistics produced quarterly using inputs from distribution member companies in the UK, Germany, France, Italy, Sweden, Norway, Denmark, Finland, Switzerland and Austria. The numbers shown represent the actual sales by IDEA affiliated Trade Association member companies which in turn comprise 66% of the available markets so reflect an accurate market trend.

COUNTRY	Association	Approx. DTAM (Distribution Total Available Market) 2017	Summation of Association Members Returns 2017	Approx. Share of DTAM (Distribution Total Available Market) represented by Association's Members 2017
France	SPDEI	€1197 Mill	€874 Mill	73%
UK	ecsn/afdec	€1570 Mill	€1319 Mill	84%
Italy	ASSODEL	€1549 Mill	€1162 Mill	75%
Nordic	Via ecsn/afdec	€1526 Mill	€641 Mill	42%
Germany	FBDI	€5143 Mill	€3600 Mill	70%
Switzerland	FBDI	€557 Mill	€301 Mill	54%
Austria	FBDI	€444 Mill	€262 Mill	59%

IMPORTANT NOTE: To ensure that exchange rate variations do not confuse the trend, the exchange rates shown are the 2017 Local currency/€ conversion rates. The 2017 average rates are: UK Pound/€0.8765, Danish Krona/€7.4387, Norwegian Krona/€9.3315, Swedish Krona/€9.6366.

The graphics are designed for use by member companies of Trade Associations affiliated to IDEA and by the Press. They are published in .pdf & word formats to enable users to easily copy individual graphics into their own documents or be published electronically on the web and local networks. This document will be updated every quarter immediately the IDEA Quarterly stats have been published.

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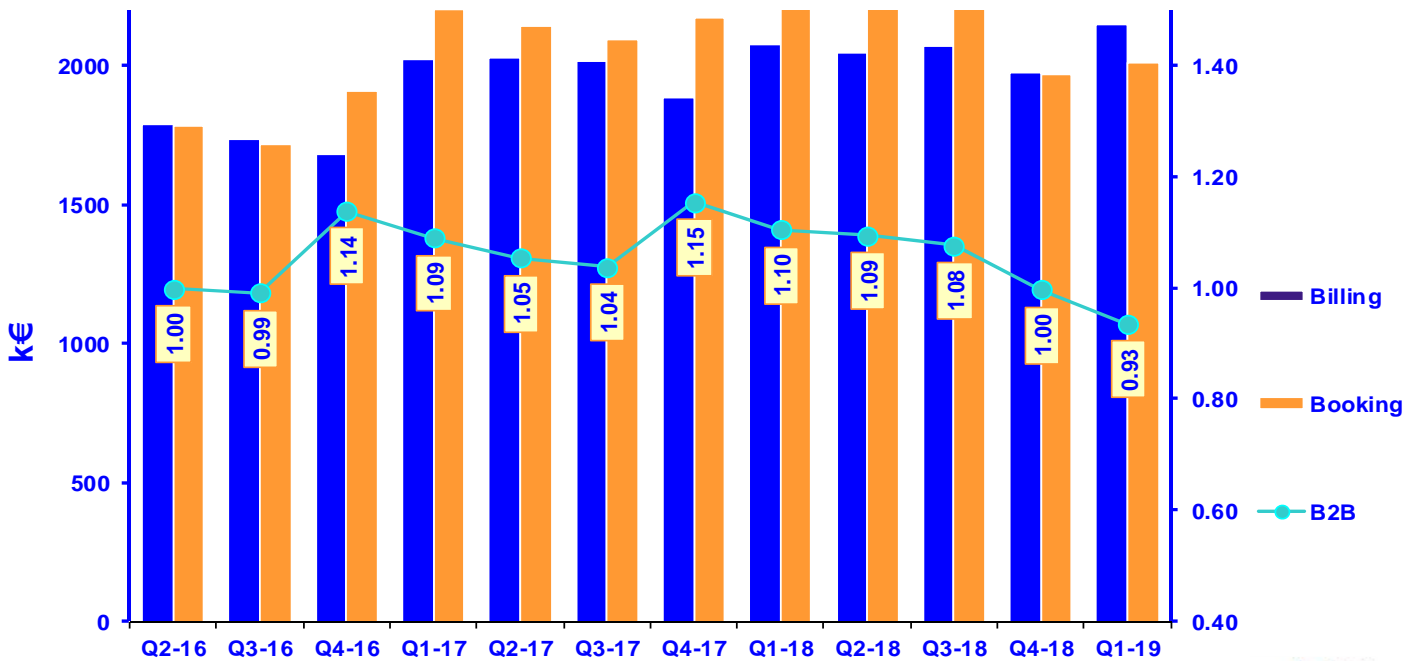
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<http://www.ideaelectronics.com/>

1ST QTR. 2019 **TOTAL COMPONENTS Booking, Billing & Book : Bill ratio**

Graphic T1

Total distribution electronic components booking, billing and Book:bill ratio for Germany, France, Italy, UK, Sweden, Norway, Denmark, Finland, Switzerland and Austria



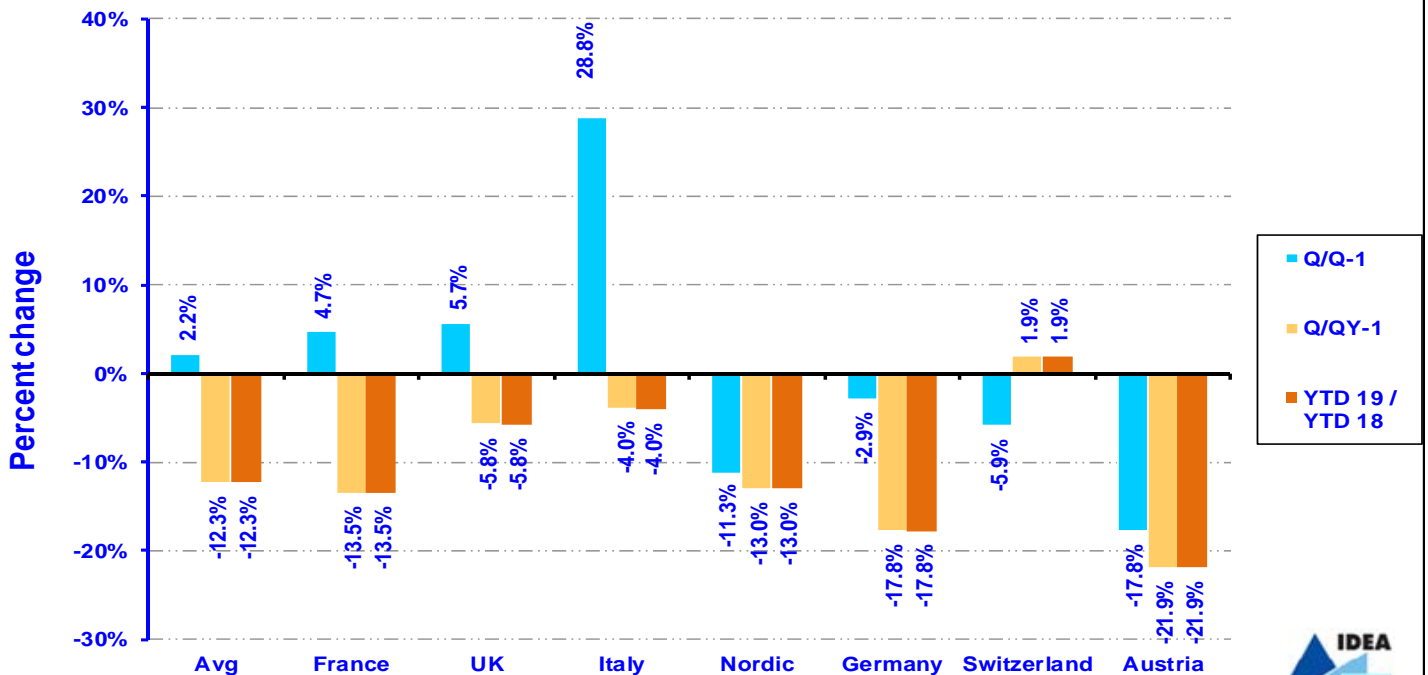
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1ST QTR. 2019 **TOTAL COMPONENTS Booking Trend**

Graphic T2

Distribution orders for Electronic components by country comparing current qtr with prior quarter (Q/Q1) and same quarter prior year (Q/QY-1) and YTD 18/17



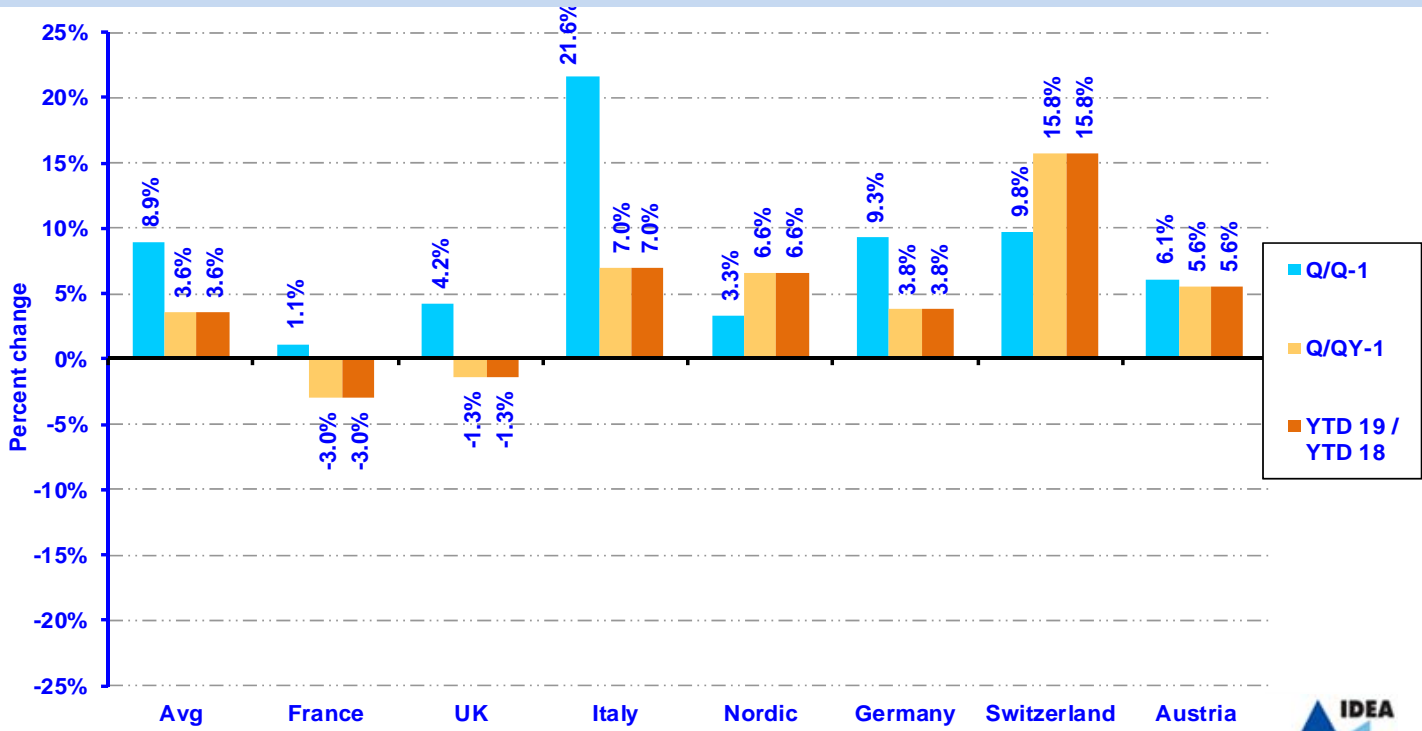
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1ST QTR. 2019 **TOTAL COMPONENTS Billing Trend**

Graphic T3

Distribution sales for Electronic components by country comparing current qtr with prior quarter (Q/Q1) and same quarter prior year (Q/QY-1) and YTD 18/17



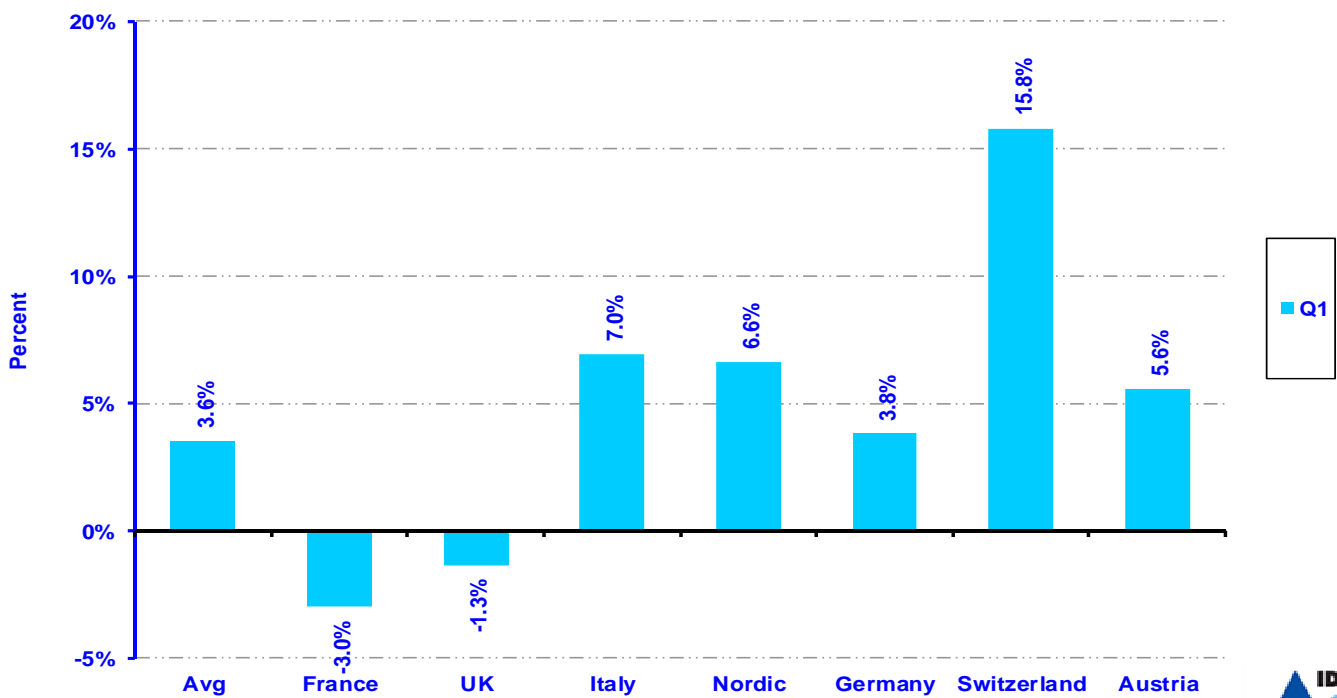
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1ST QTR. 2019 **TOTAL COMPONENTS YTD Billings Trend**

Graphic T4

Cumulative sales of Electronic components via distribution by country for current year to date compared with same period prior year



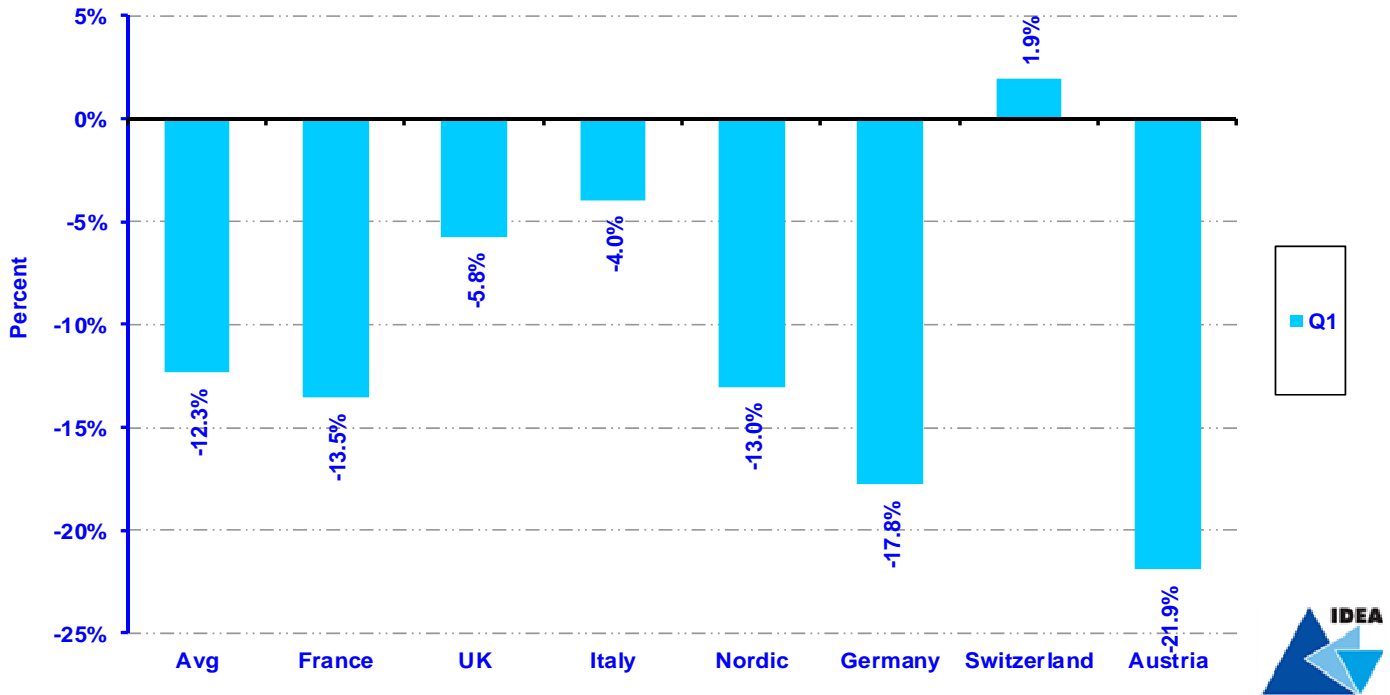
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1ST QTR. 2019 **TOTAL COMPONENTS YTD Bookings Trend**

Graphic T5

Cumulative orders for Electronic components via distribution by country for current year to date compared with same period prior year

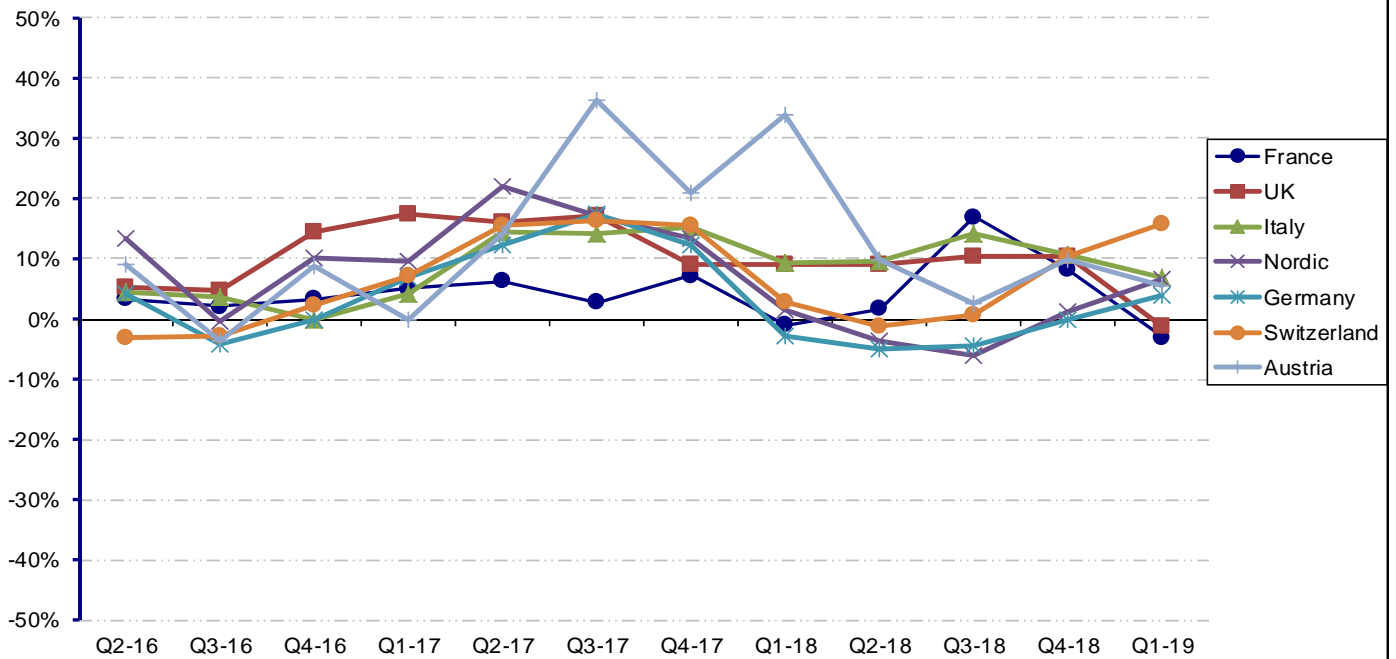


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1ST QTR. 2019 **TOTAL COMPONENTS TENDENTIAL INDEX BY COUNTRY(Q,QY-1)** Graphic T6

Trend showing growth/decline % in quarterly sales of all components through distribution split by country compared with same quarter prior year

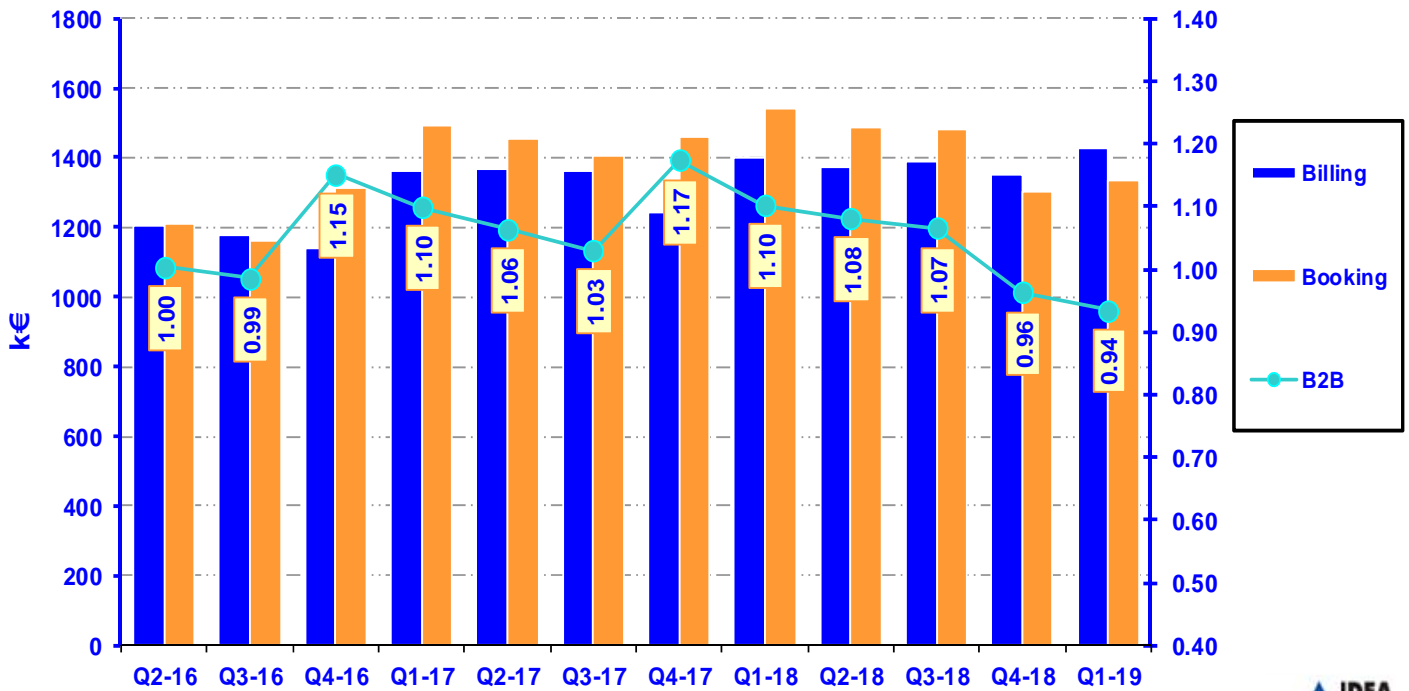


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1ST QTR. 2019 SEMICONDUCTOR bookings, billings & book:bill ratio Graphic S1

Semiconductor components bookings, billings & book:bill ratio for Germany, France, Italy, UK, Sweden, Norway, Denmark, Finland, Switzerland and Austria

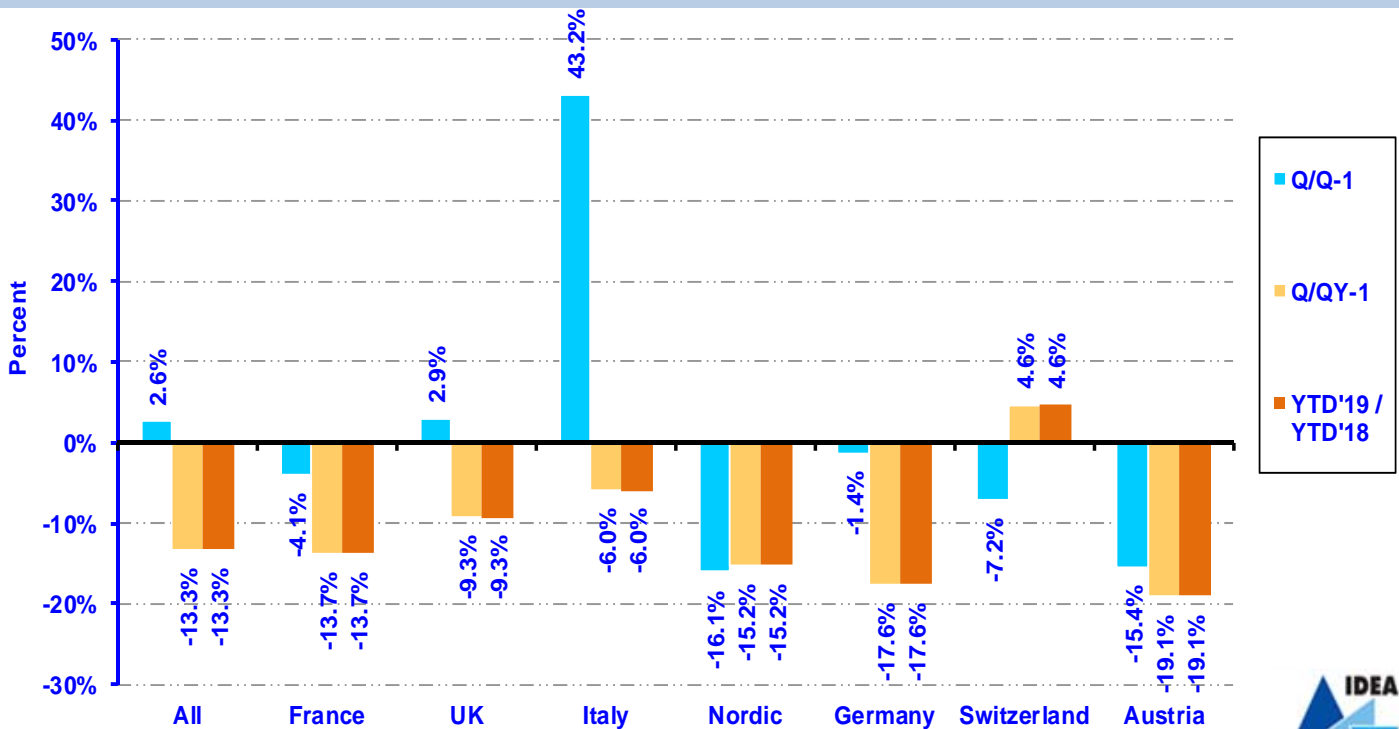


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1ST QTR 2019 SEMICONDUCTOR Booking Trend Graphic S2

Distribution orders for semiconductors by country compared with the prior quarter (Q/Q1) and the same quarter prior year (Q/QY-1) and YTD 18/17



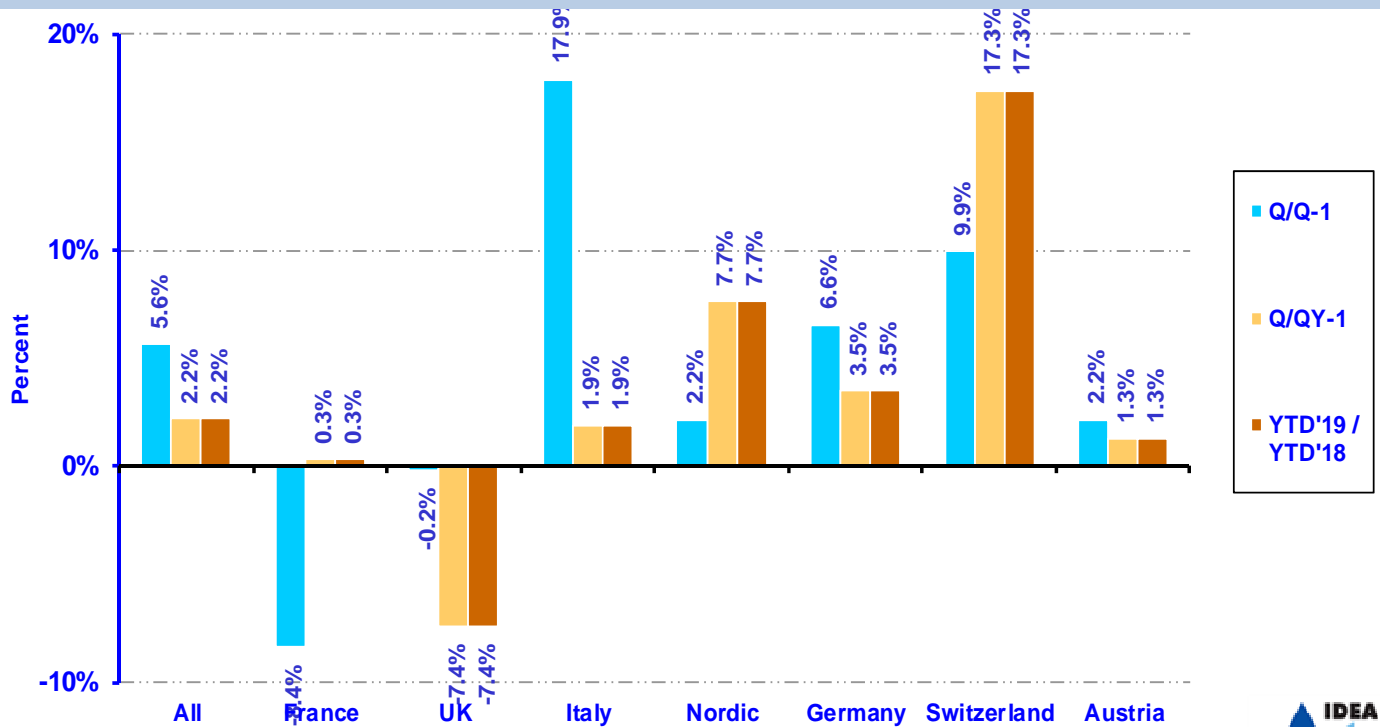
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1ST QTR 2019 SEMICONDUCTOR Billing Trend

Graphic S3

Distribution sales for semiconductors by country compared with the prior quarter (Q/Q1) and the same quarter prior year (Q/QY-1) and YTD 18/17



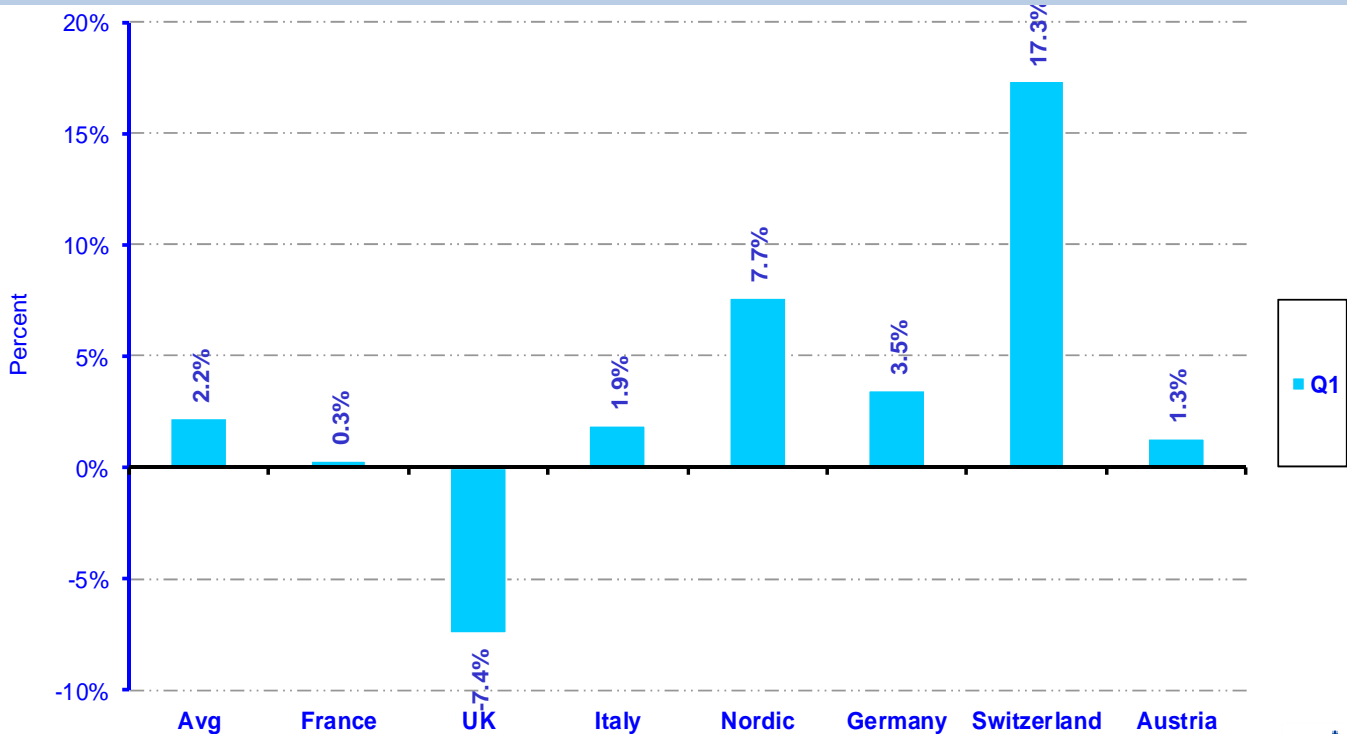
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1ST QTR. 2019 SEMICONDUCTOR YTD BILLING TREND

Graphic S4

Cumulative sales of Semiconductor Components through distribution split by country and showing the growth/decline % compared with the same period prior year



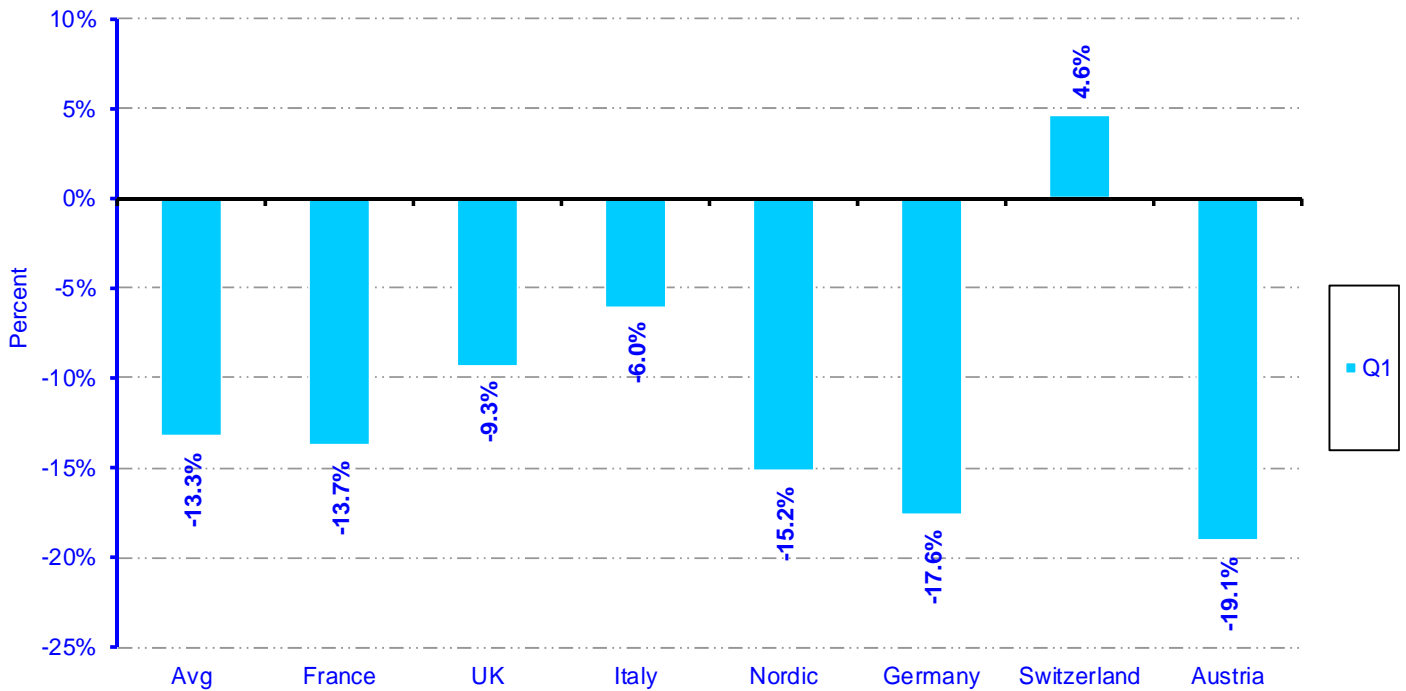
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1ST QTR. 2019 SEMICONDUCTOR YTD BOOKING TREND

Graphic S5

Cumulative orders of Semiconductors through distribution split by country and showing the growth/decline % compared with the same period prior year



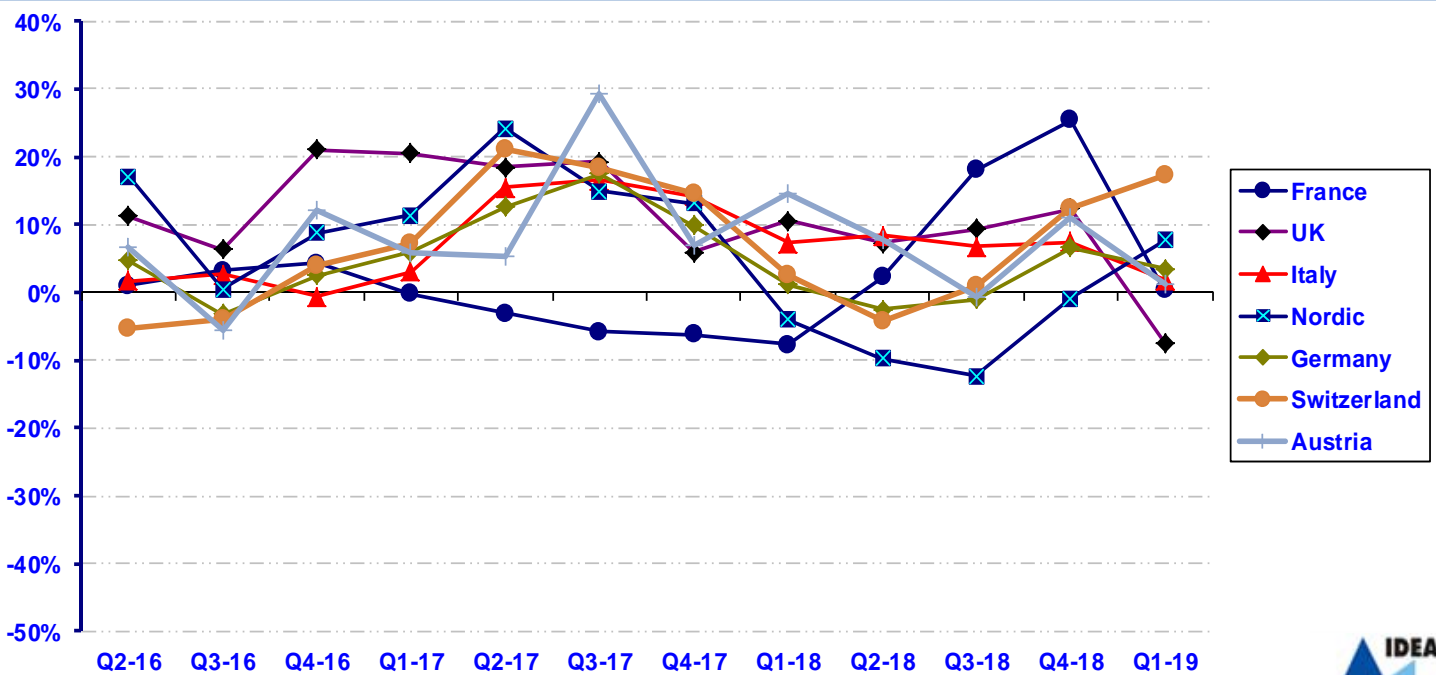
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1ST QTR. 2019 SEMICONDUCTOR TENDENTIAL INDEX (Q/Qy-1)

Graphic S6

Trend showing growth/decline % in quarterly sales of semiconductors through distribution by country compared with the same quarter prior year.



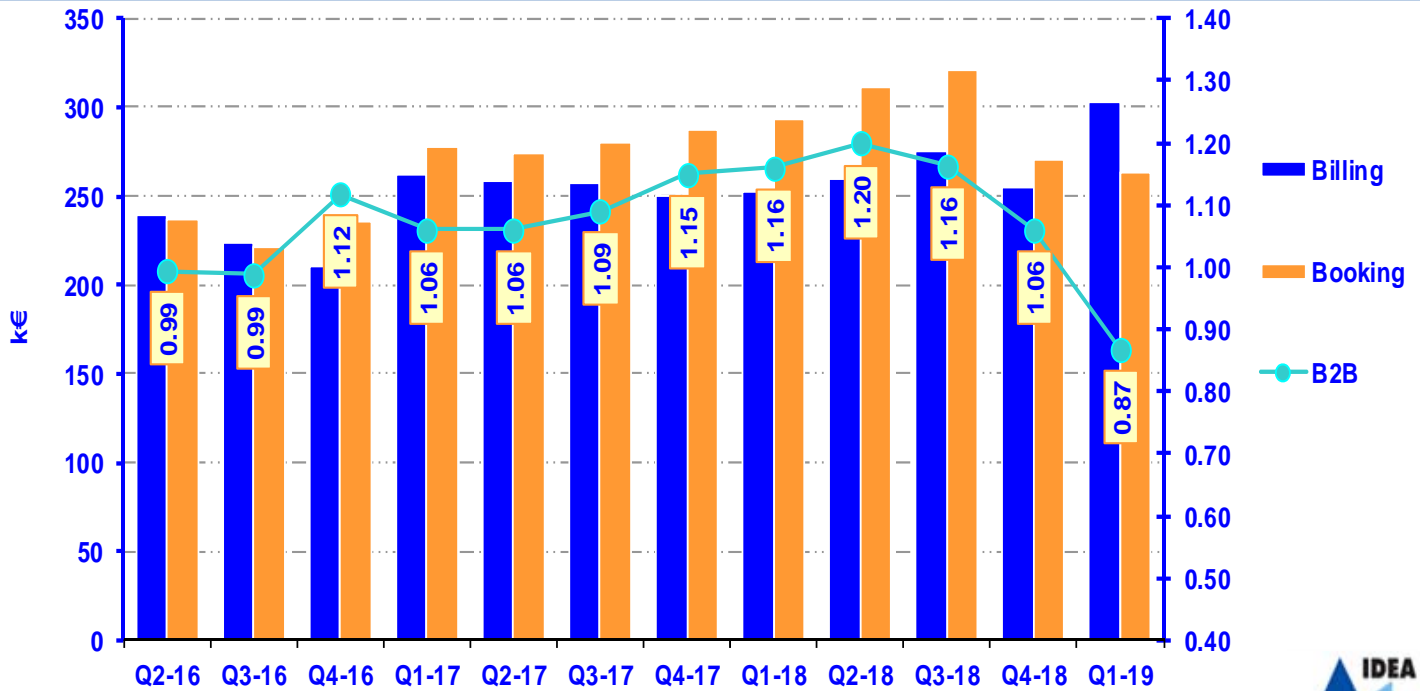
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1ST QTR. 2019 **PASSIVES** booking, billing & book:bill ratio

Graphic P1

Passive components Bookings, billings & book:bill ratio for Germany, France, Italy, UK, Sweden, Norway, Denmark, Finland, Switzerland and Austria



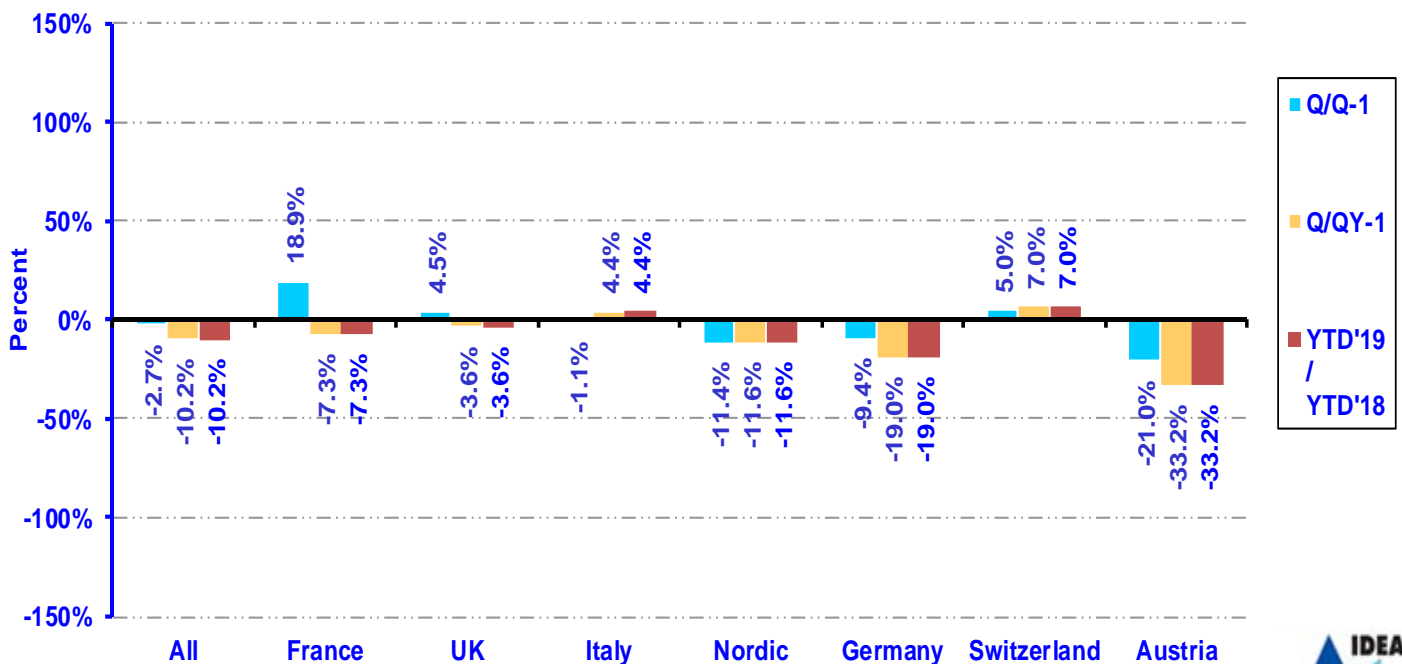
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1ST QTR. 2019 **PASSIVE COMPONENTS** Booking Trend

Graphic P2

Distribution orders for passive components by country comparing Q2 2017 with the prior quarter (Q/Q-1) and the same quarter prior year (Q/QY-1)



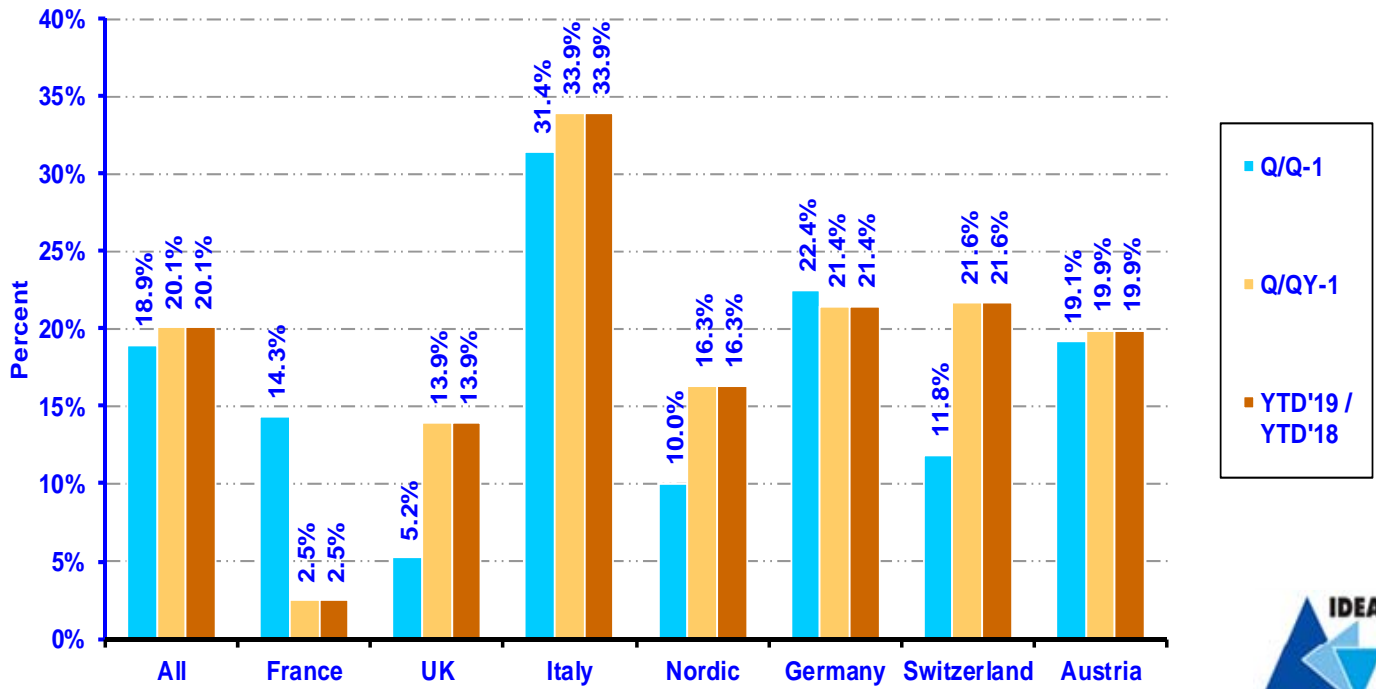
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1ST QTR. 2019 **PASSIVE COMPONENTS Billings Trend**

Graphic P3

Distribution sales for passive components by country comparing Q2 2017 with the prior quarter (Q/Q-1) and the same quarter prior year (Q/QY-1)



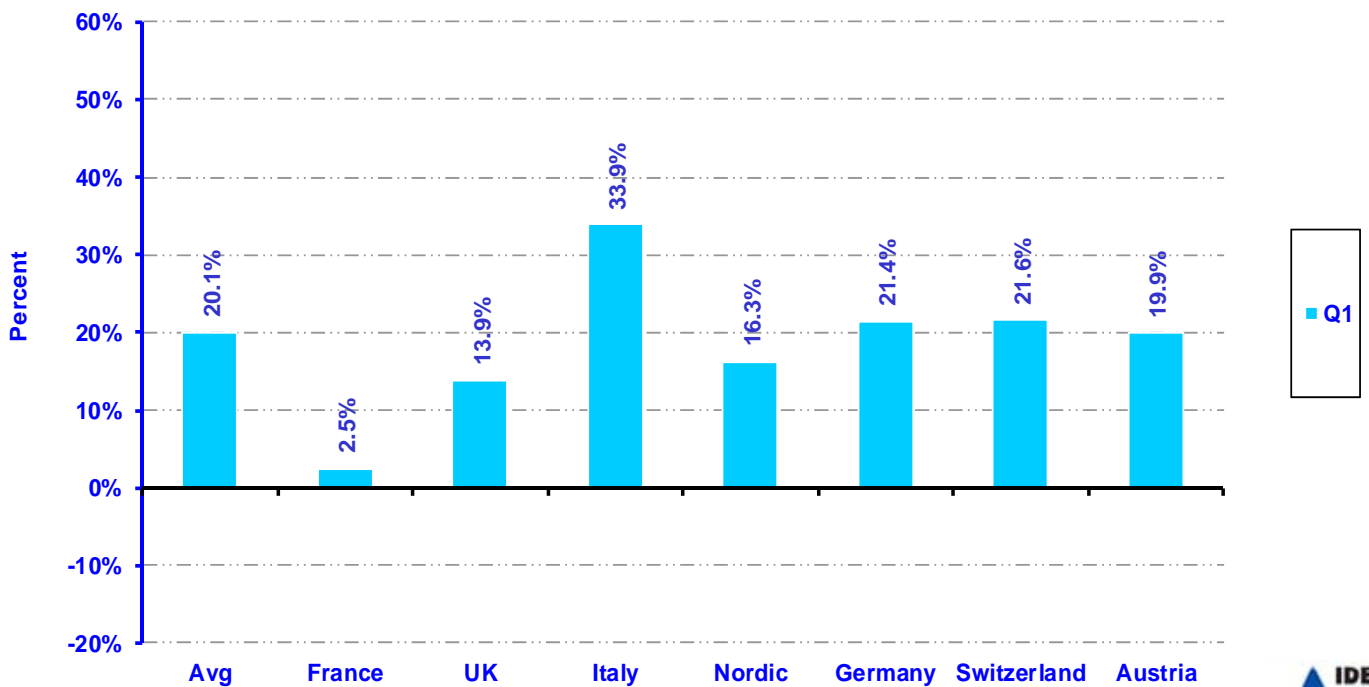
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1ST QTR. 2019 **PASSIVES YTD Billings Trend**

Graphic P4

Cumulative sales of Passive components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



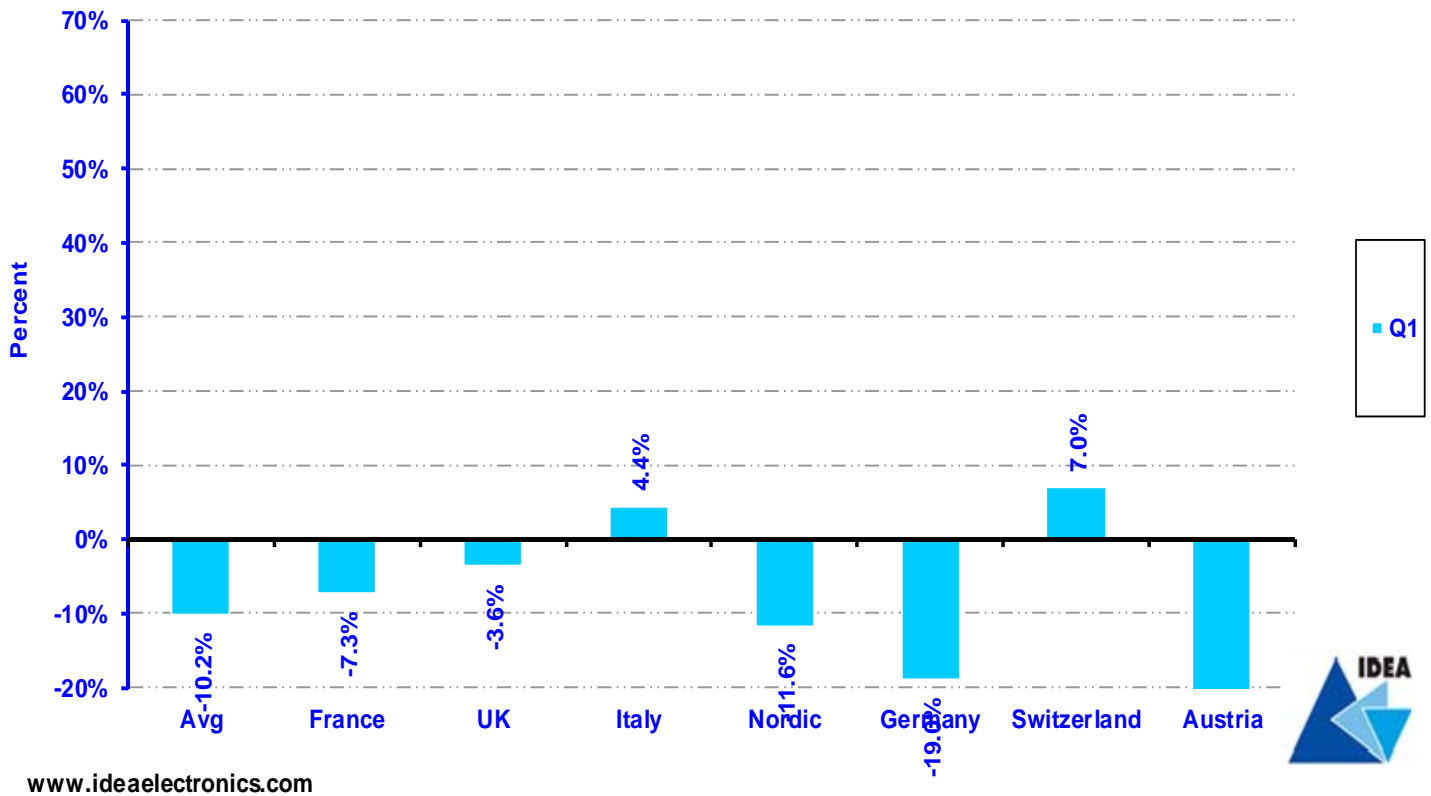
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1ST QTR. 2019 **PASSIVES YTD Bookings Trend**

Graphic P5

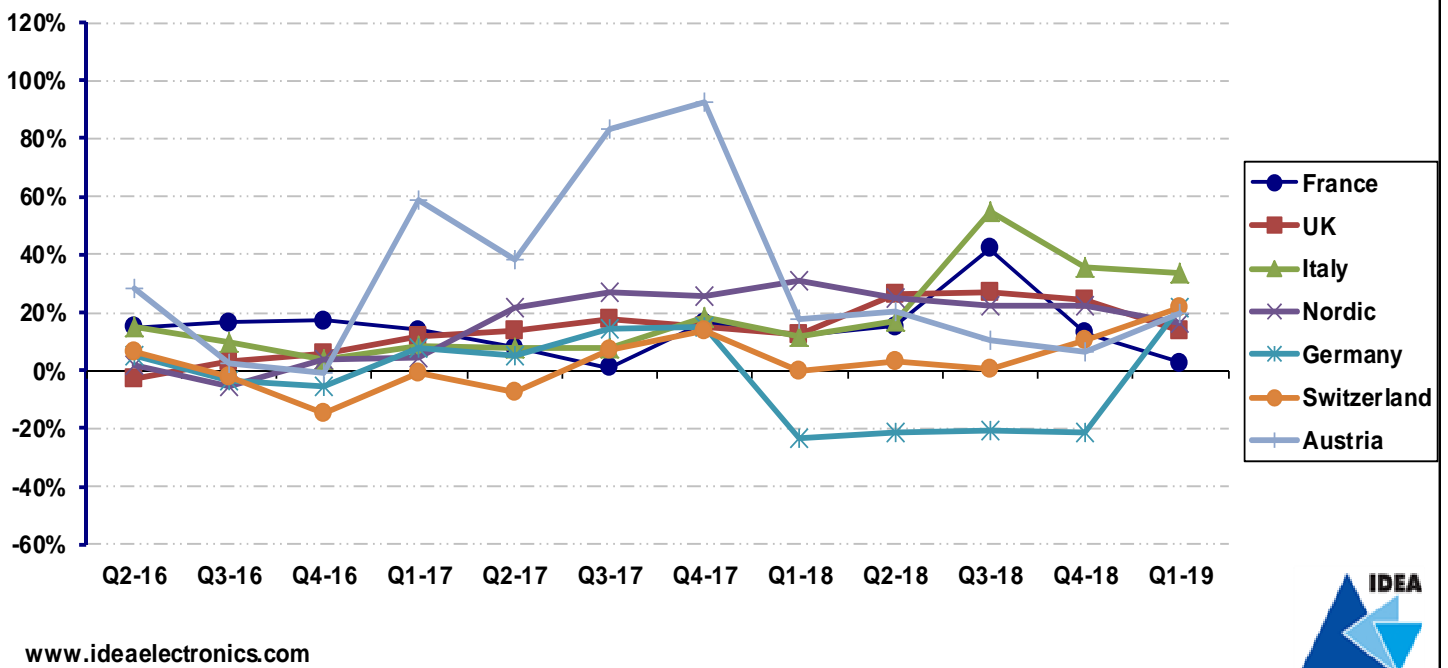
Cumulative orders for Passive components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



1ST QTR. 2019 **PASSIVES TENDENTIAL INDEX BY COUNTRY (Q/Qy-1)**

Graphic P6

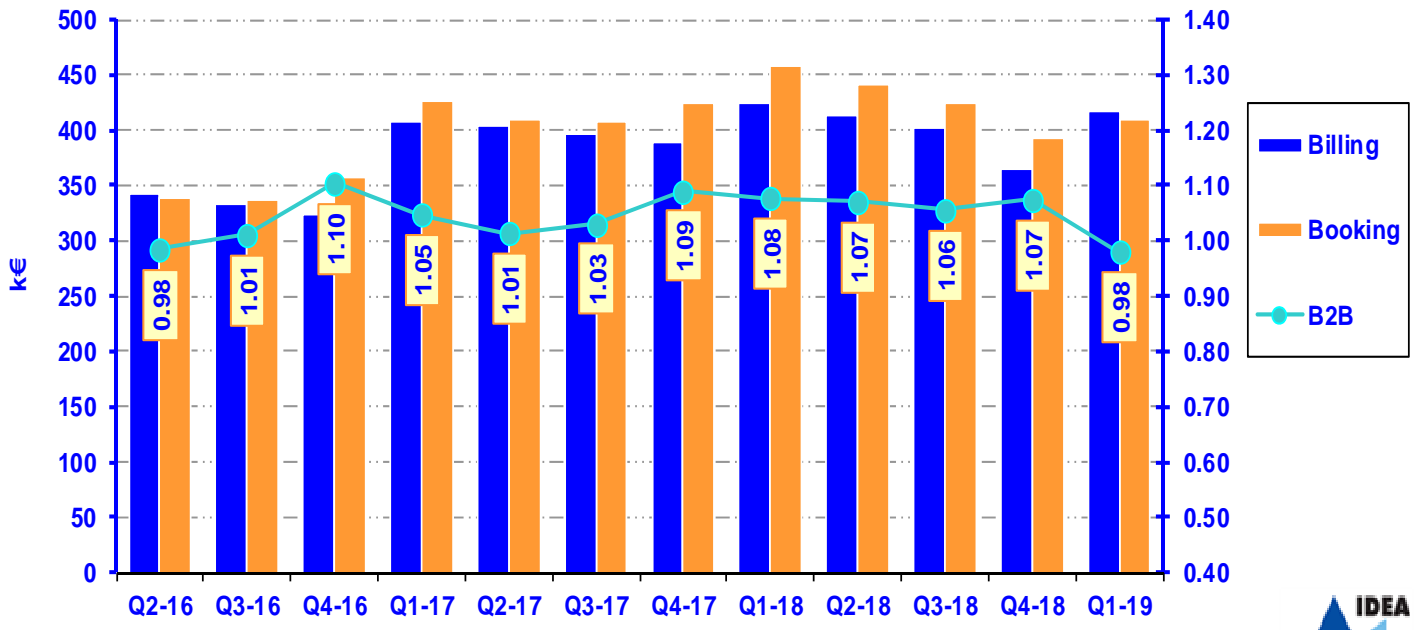
Trend showing growth/decline % in quarterly sales of passives through distribution by country compared with the same quarter prior year.



1ST QTR. 2019 EMECH COMPONENTS booking, billing & book:bill ratio

Graphic E1

EMECH components Bookings, billings & book:bill ratio for Germany, France, Italy, UK, Sweden, Norway, Denmark, Finland, Switzerland and Austria



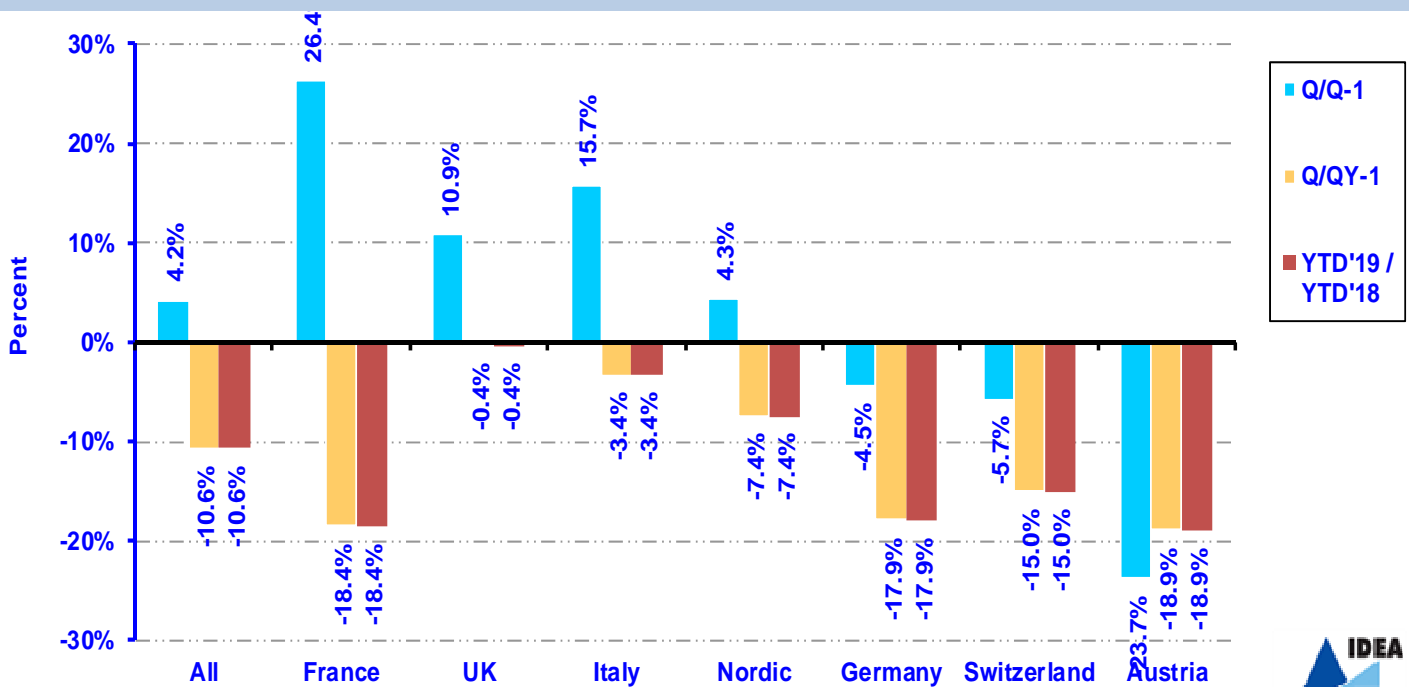
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1ST QTR. 2019 EMECH COMPONENTS Booking Trend

Graphic E2

Distribution orders for passive components by country comparing Q2 2017 with the prior quarter (Q/Q-1) and the same quarter prior year (Q/QY-1)



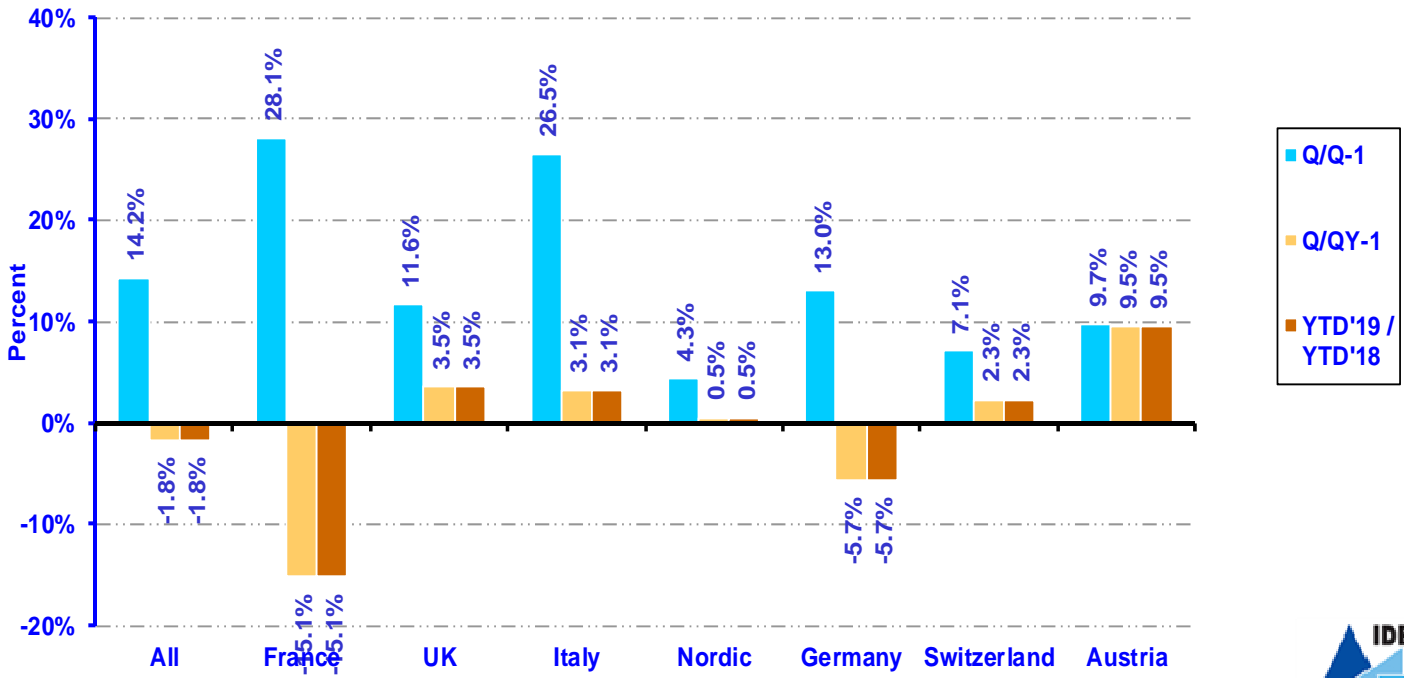
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1ST QTR. 2019 EMECH COMPONENTS Billings Trend

Graphic E3

Distribution sales of emech components comparing current qtr with prior qtr (Q/Q-1) and same qtr prior year (Q/QY-1) plus YTD trend



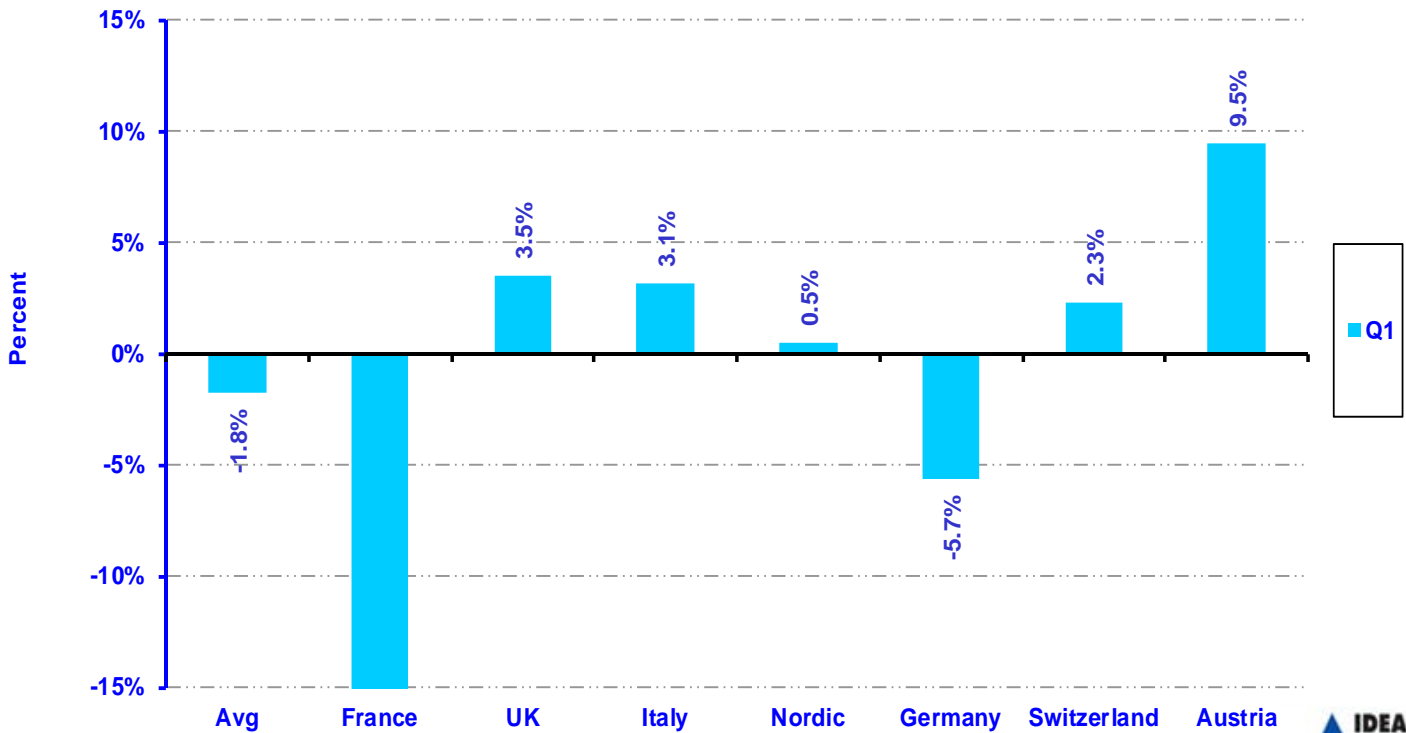
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1ST QTR. 2019 EMECH COMPONENTS YTD Billings Trend

Graphic E4

Cumulative sales of EMEch components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



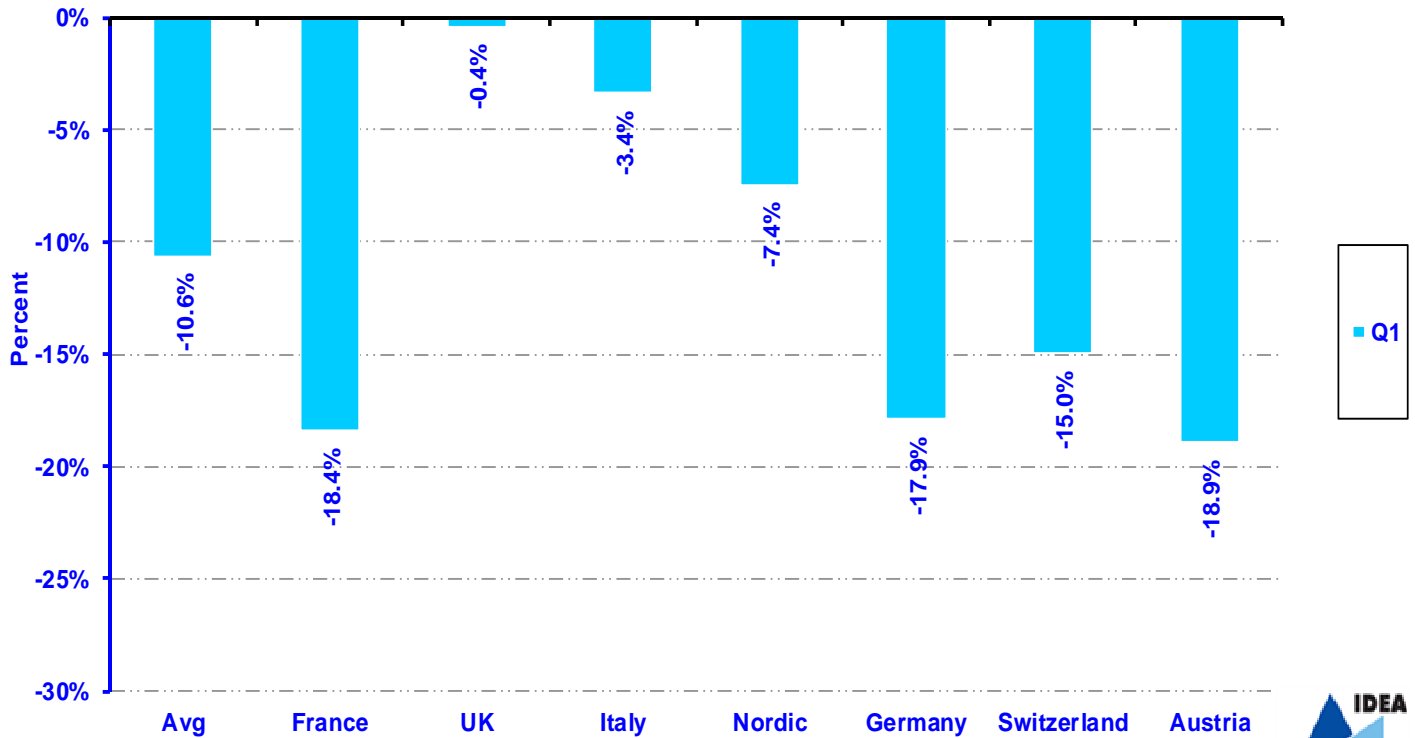
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1ST QTR. 2019 EMECH COMPONENTS YTD Bookings Trend

Graphic E5

Cumulative orders for EMEch components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



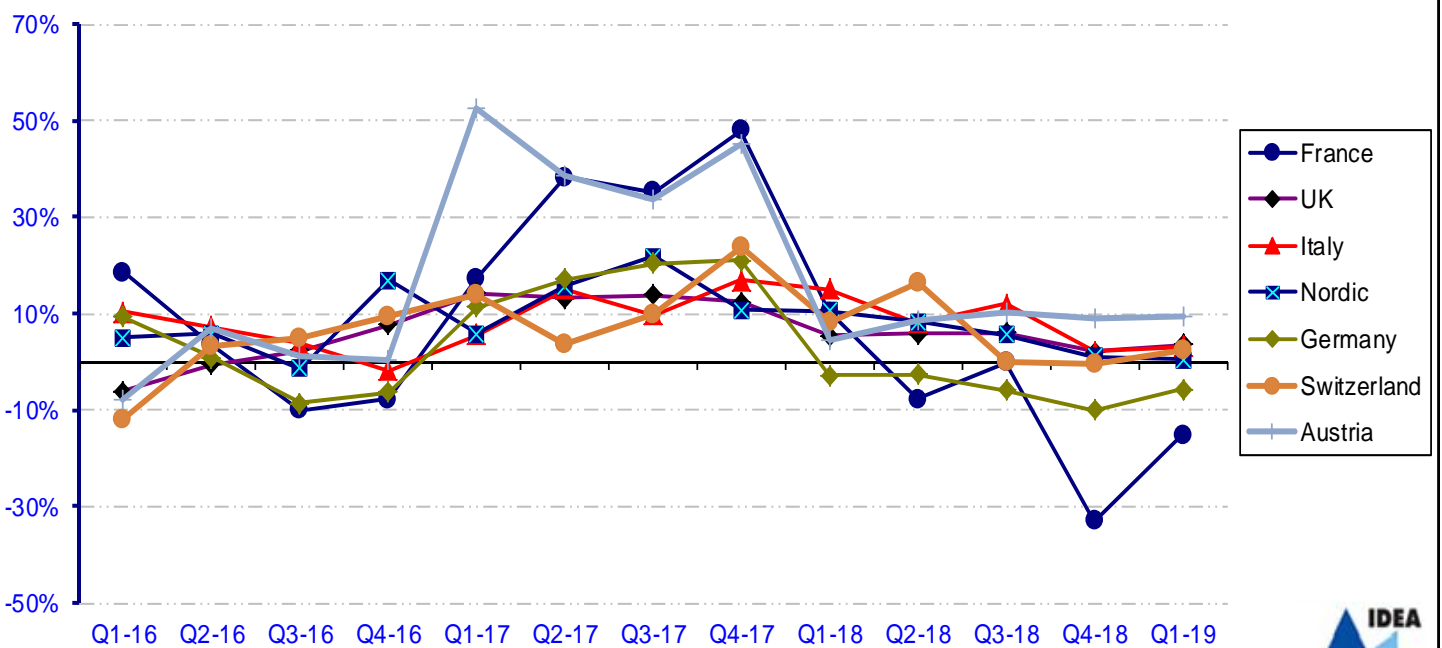
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1ST QTR. 2019 EMECH TENDENTIAL INDEX BY COUNTRY(Q/Qy-1)

Graphic E6

Trend showing growth/decline % in quarterly sales of semiconductors through distribution by country compared with the same quarter prior year.



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Data input by Country and Component

Country	Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	
All	Semis	Bookings	1,455	1,404	1,460	1,539	1,485	1,480	1,302	1,335	
		Billings	1,367	1,363	1,244	1,397	1,374	1,390	1,352	1,428	
	Passives	Bookings	274	280	287	293	312	321	270	263	
		Billings	259	257	250	252	260	276	255	303	
	Emech/Other	Bookings	409	408	424	458	442	424	393	409	
		Billings	404	396	389	425	413	402	366	418	
	Totals	Bookings	2,138	2,092	2,171	2,290	2,239	2,225	1,965	2,007	
		Billings	2,030	2,016	1,883	2,075	2,047	2,067	1,972	2,148	
	Country	Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
	France	Semis	Bookings	108	98	105	119	109	99	107	102
Billings			102	92	91	104	104	109	114	104	
Passives		Bookings	24	25	28	35	34	33	27	32	
		Billings	25	21	23	29	29	30	26	30	
Emech/Other		Bookings	39	35	41	39	38	33	25	32	
		Billings	41	37	41	41	38	36	27	35	
Totals		Bookings	171	158	173	193	181	165	159	167	
		Billings	168	150	155	175	171	176	168	170	
Country		Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
UK		Semis	Bookings	193	204	191	214	211	201	188	194
	Billings		182	187	170	206	195	205	191	190	
	Passives	Bookings	42	44	41	50	57	54	46	49	
		Billings	40	42	39	45	50	54	49	51	
	Emech/Other	Bookings	111	112	110	121	120	115	109	121	
		Billings	108	110	105	116	114	117	107	120	
	Totals	Bookings	345	361	342	385	388	371	343	363	
		Billings	329	339	314	367	359	375	347	362	
	Country	Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
	Italy	Semis	Bookings	232	184	247	255	237	227	167	239
Billings			221	195	184	229	239	208	198	233	
Passives		Bookings	50	36	51	57	62	66	60	60	
		Billings	45	38	38	51	52	58	52	68	
Emech/Other		Bookings	53	44	53	55	56	52	46	53	
		Billings	51	42	44	55	55	47	45	56	
Totals		Bookings	335	265	351	367	355	346	273	352	
		Billings	316	274	266	334	346	313	294	358	
Country		Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
Nordic		Semis	Bookings	131	110	120	115	126	108	116	98
	Billings		120	116	111	104	108	101	110	112	
	Passives	Bookings	12	11	13	15	16	15	15	13	
		Billings	11	11	12	13	14	13	14	15	
	Emech/Other	Bookings	36	35	36	41	38	34	36	38	
		Billings	36	35	36	38	39	37	37	38	
	Totals	Bookings	179	156	169	171	180	157	167	149	
		Billings	167	161	159	156	161	152	161	166	
	Country	Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
	Germany	Semis	Bookings	662	691	684	724	679	714	605	597
Billings			636	659	585	642	620	652	623	664	
Passives		Bookings	126	139	134	111	115	128	99	90	
		Billings	120	126	119	94	95	100	93	114	
Emech/Other		Bookings	150	159	159	178	167	165	153	146	
		Billings	148	152	141	152	144	143	127	144	
Totals		Bookings	938	989	976	1012	961	1006	857	832	
		Billings	904	937	845	889	858	895	844	923	
Country		Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
Switzerland		Semis	Bookings	69	64	62	58	65	72	66	61
	Billings		60	63	56	59	57	64	62	69	
	Passives	Bookings	8	8	7	7	10	9	8	8	
		Billings	7	7	7	7	7	7	8	9	
	Emech/Other	Bookings	9	10	10	12	10	11	10	10	
		Billings	9	9	9	10	10	9	9	10	
	Totals	Bookings	86	82	79	77	85	92	84	79	
		Billings	76	80	72	76	75	80	80	87	
	Country	Category	Activity	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19
	Austria	Semis	Bookings	60	52	52	56	58	59	53	45
Billings			47	52	48	54	51	51	53	54	
Passives		Bookings	13	17	13	17	18	16	15	12	
		Billings	11	12	12	13	13	13	13	15	
Emech/Other		Bookings	11	13	15	13	14	14	13	10	
		Billings	12	11	12	13	13	13	13	14	
Totals		Bookings	85	83	80	86	90	88	81	67	
		Billings	70	75	71	79	77	77	78	83	