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Q1-2020 IDEA European Electronic Component Quarterly graphics package

in association with the local trade associations:



South Africa



Russia



Italy



UK



Australasia



Turkey



India



Germany



USA



Sweden



France

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 74% of the available markets so reflect an accurate market trend.

COUNTRY	Association	Approx. DTAM (Distribution Total Available Market) 2019	Summation of Association Members Returns 2019	Approx. Share of DTAM (Distribution Total Available Market) represented by Association's Members 2019
France	SPDEI	€958 Mill	€728 Mill	76%
UK	ecsn/afdec	€1561 Mill	€1280 Mill	82%
Italy	ASSODEL	€1560 Mill	€1201 Mill	77%
Nordic	Via ecsn/afdec	€996 Mill	€578 Mill	48%
Germany	FBDI	€4287 Mill	€3344 Mill	78%
Switzerland	FBDI	€536 Mill	€300 Mill	56%
Austria	FBDI	€493 Mill	€301 Mill	61%

IMPORTANT NOTE: To ensure that exchange rate variations do not confuse the trend, the exchange rates shown are the 2019 Local currency/€ conversion rates. The 2019 average rates are: UK Pound/€ 0.8779, Danish Krona/€ 7.4690, Norwegian Krona/€ 9.8515, Swedish Krona/€ 10.5891.

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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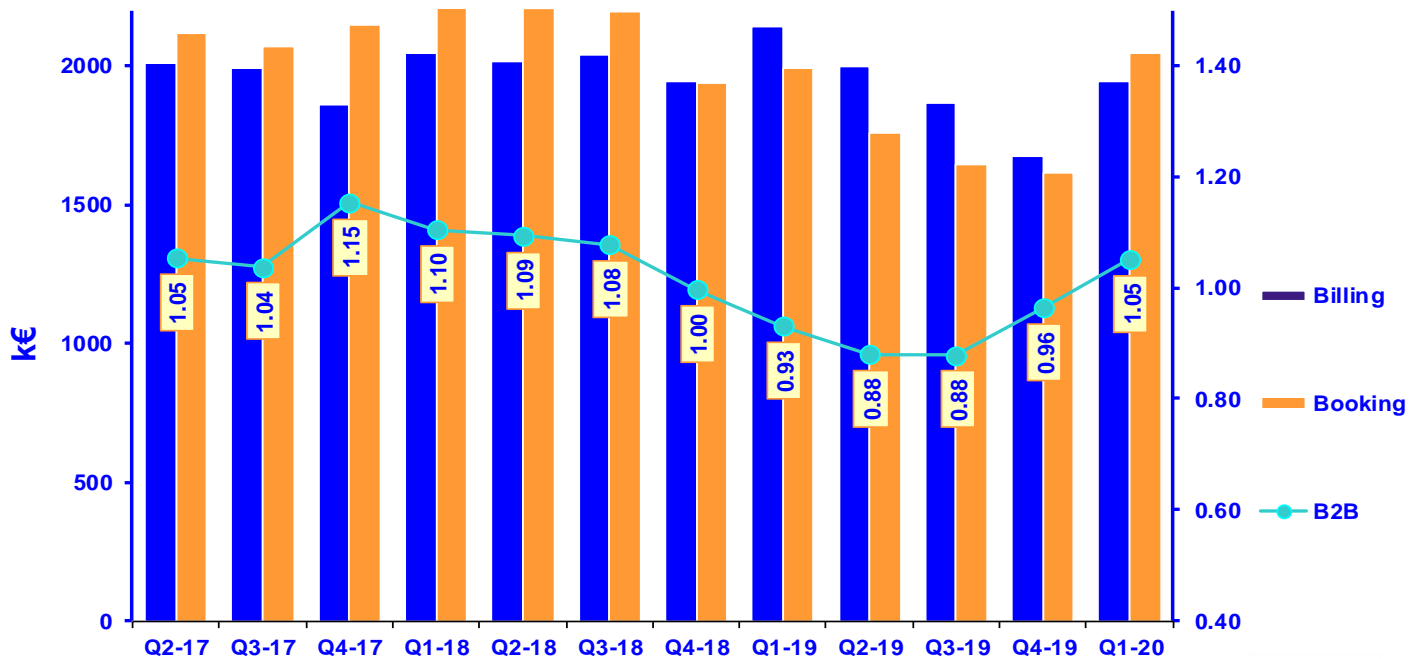
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1ST QTR. 2020 TOTAL COMPONENTS Booking, Billing & Book : Bill ratio

Graphic T1

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



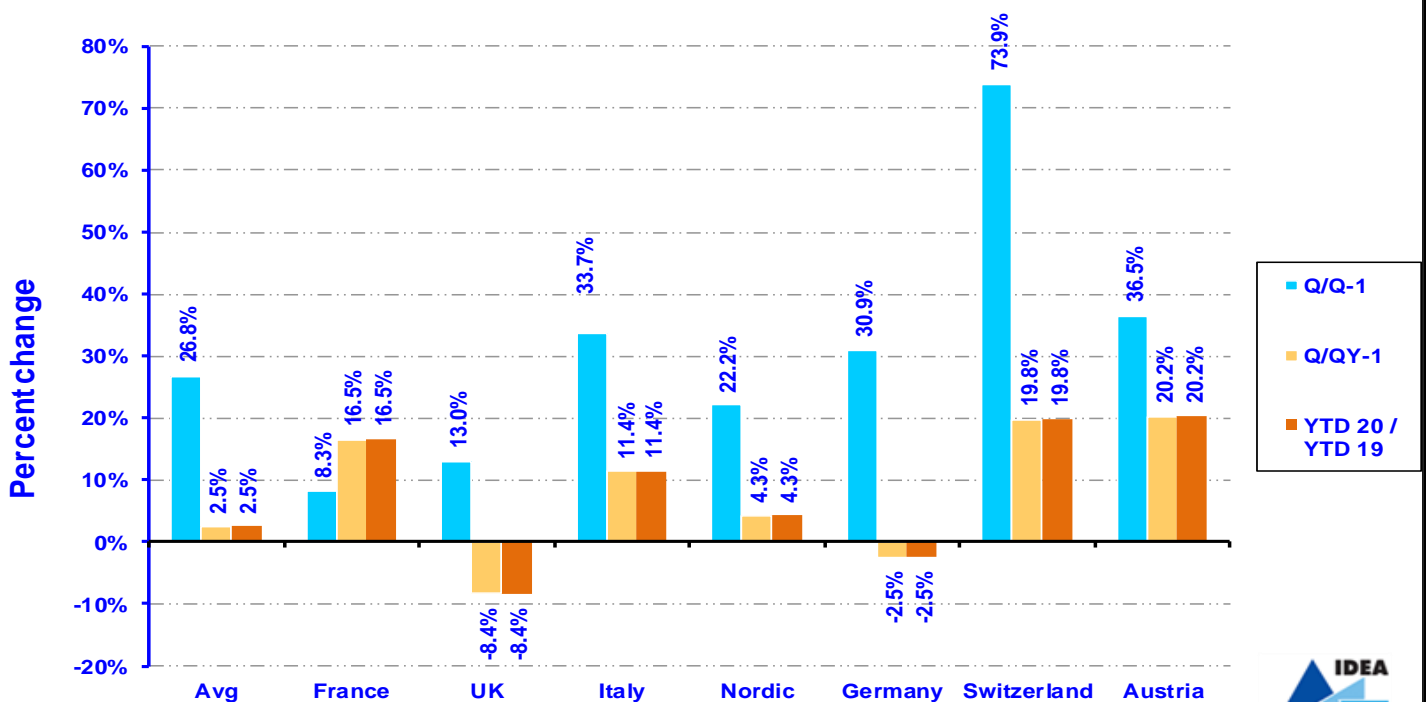
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1ST QTR. 2020 TOTAL COMPONENTS Booking Trend

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 20/19



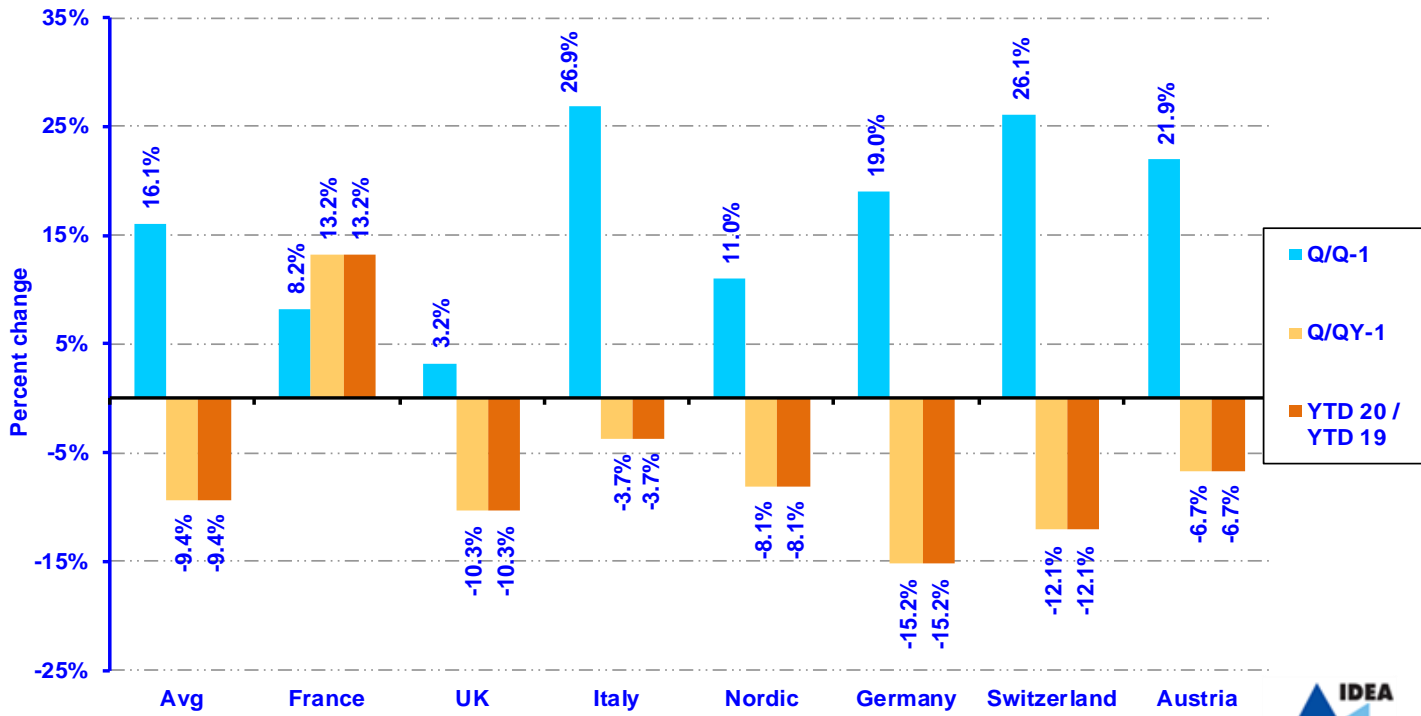
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1ST QTR. 2020 **TOTAL COMPONENTS Billing Trend**

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 20/19



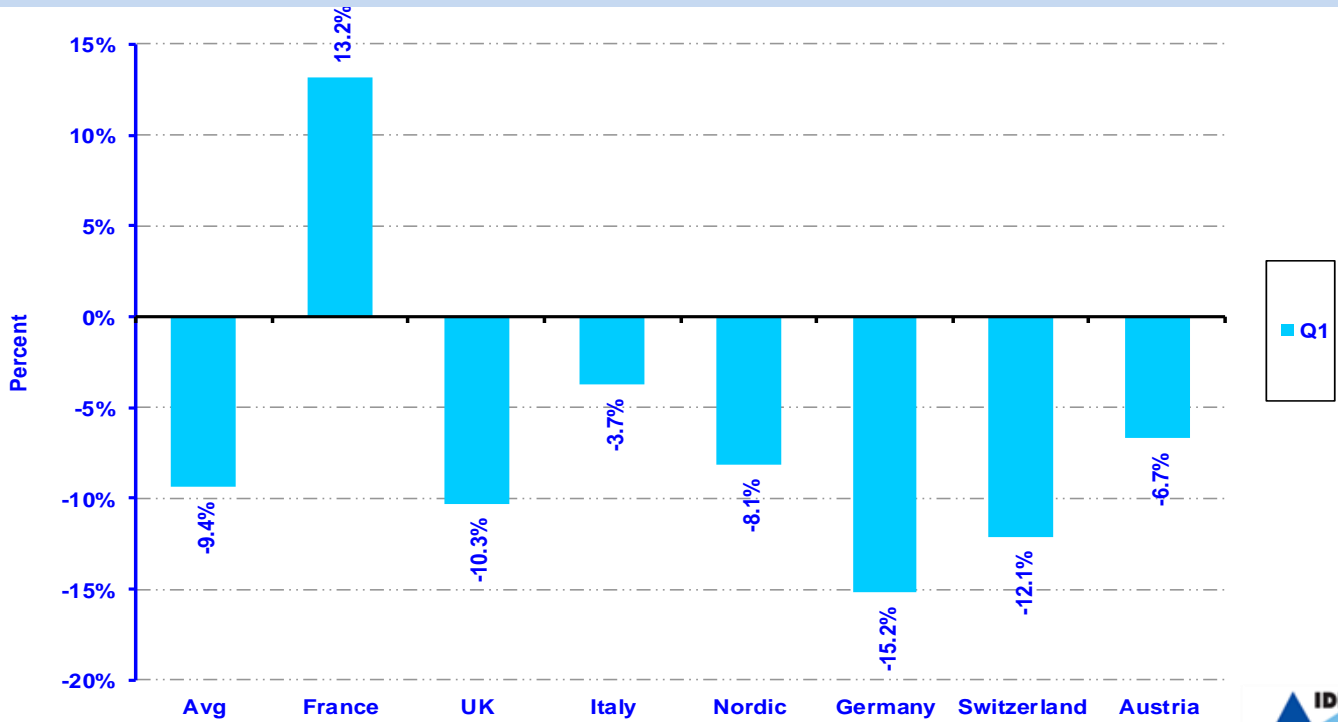
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1ST QTR. 2020 **TOTAL COMPONENTS YTD Billings Trend**

Graphic T4

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



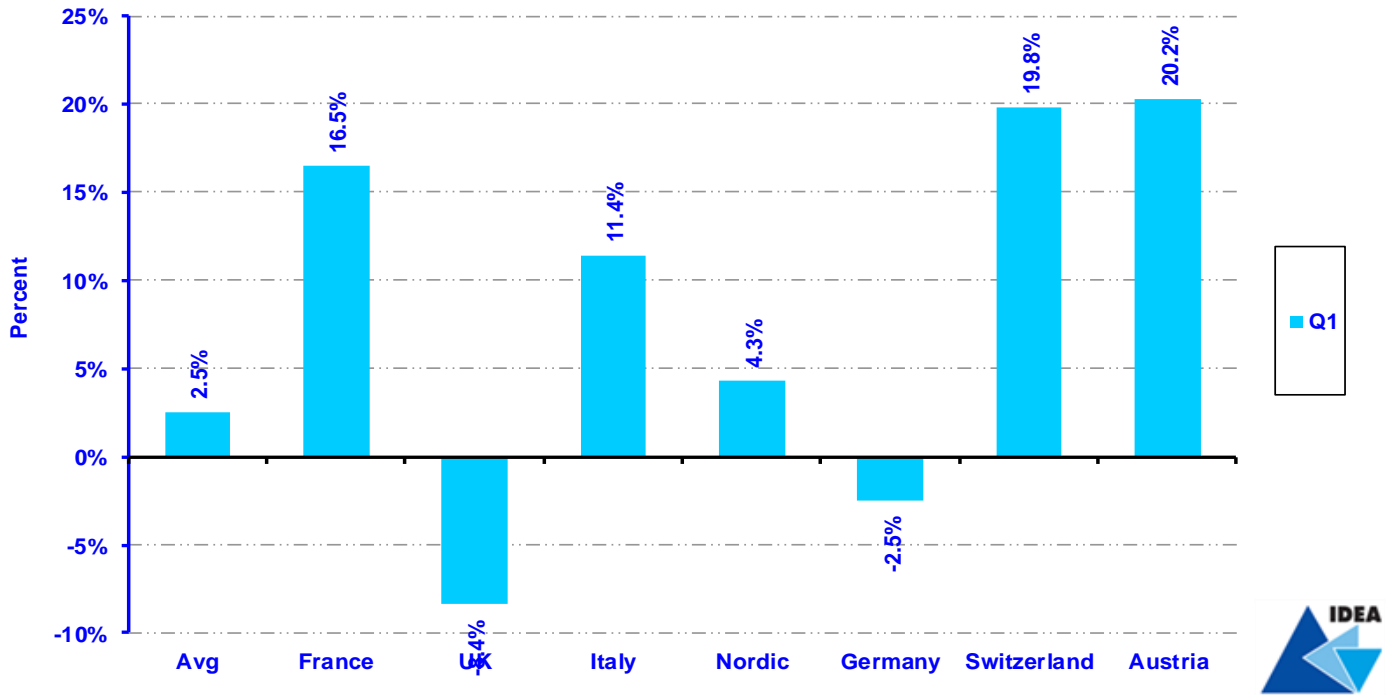
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1ST QTR. 2020 TOTAL COMPONENTS YTD Bookings Trend

Graphic T5

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



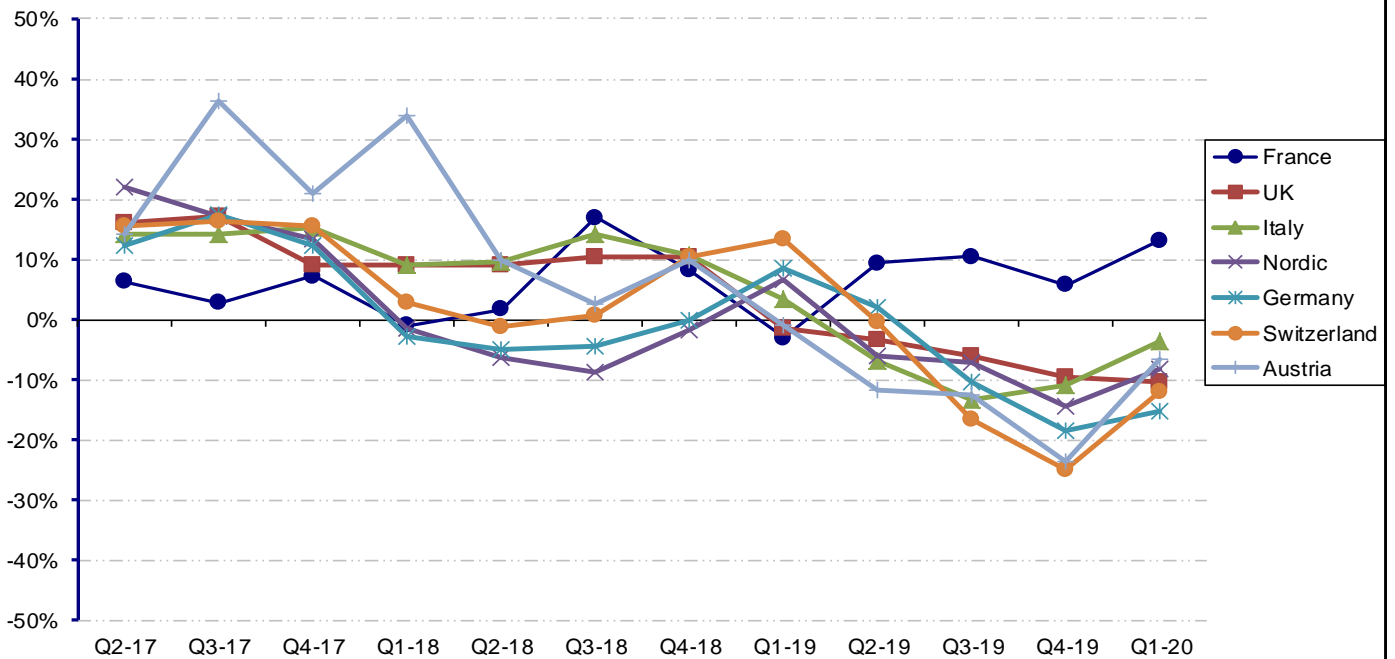
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1ST QTR. 2020 TOTAL COMPONENTS TENDENTIAL INDEX BY COUNTRY(Q,QY-1)

Graphic T6

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

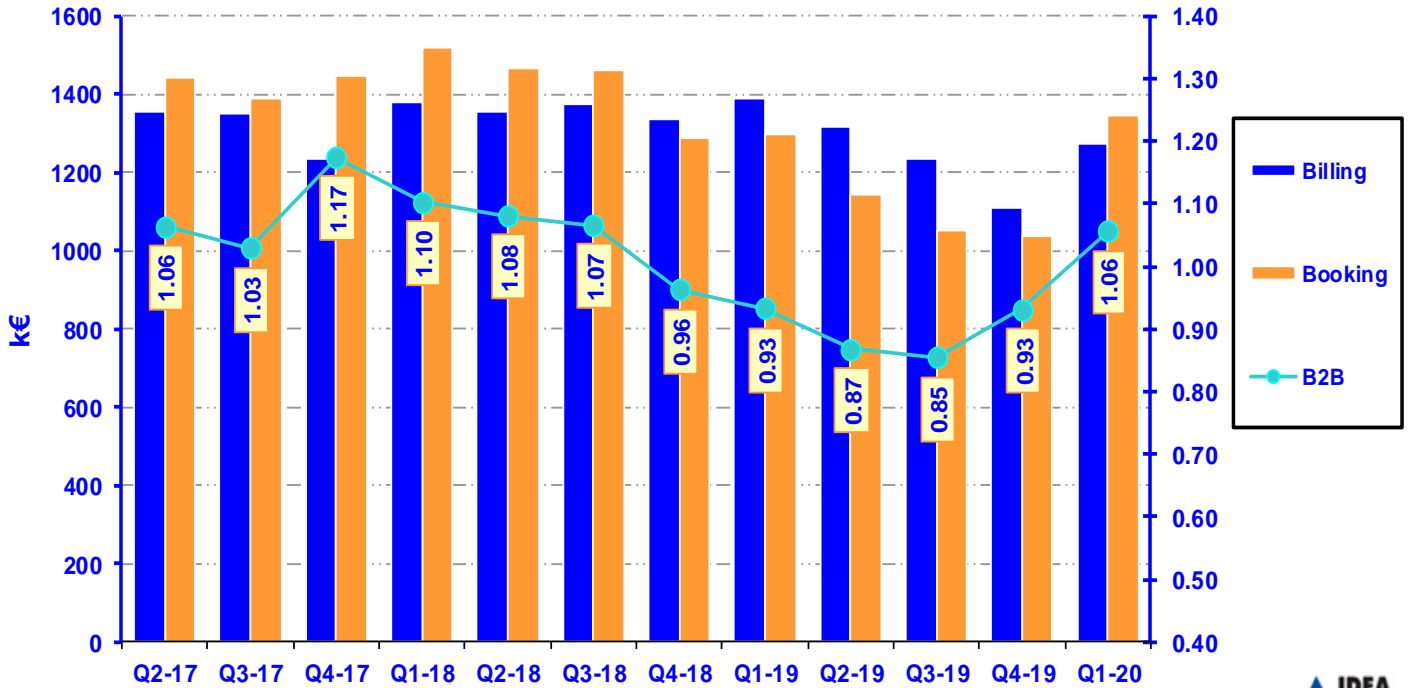


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1ST QTR. 2020 SEMICONDUCTOR bookings, billings & book:bill ratio Graphic S1

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

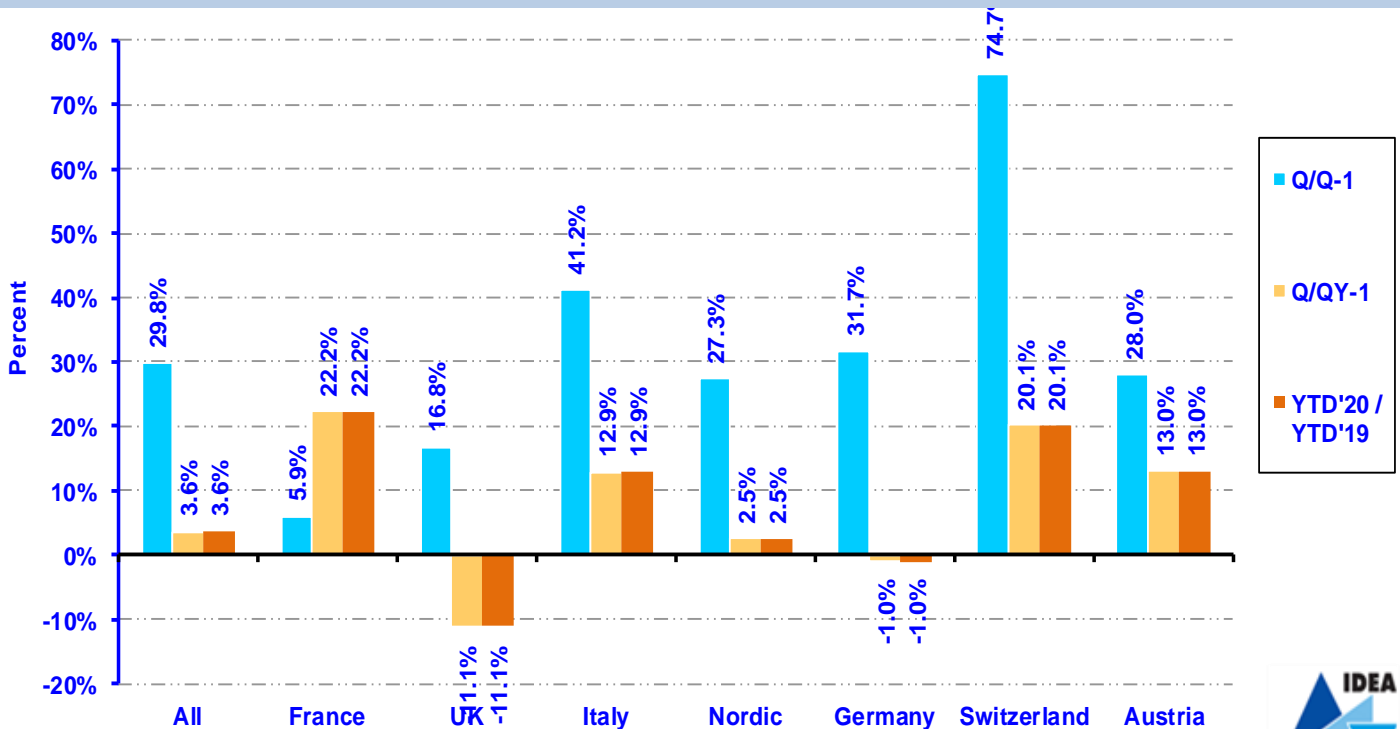


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1ST QTR 2020 SEMICONDUCTOR Booking Trend Graphic S2

Distribution orders for semiconductors by country compared with the prior quarter (Q/Q1) and the same quarter prior year (Q/QY-1) and YTD 20/19



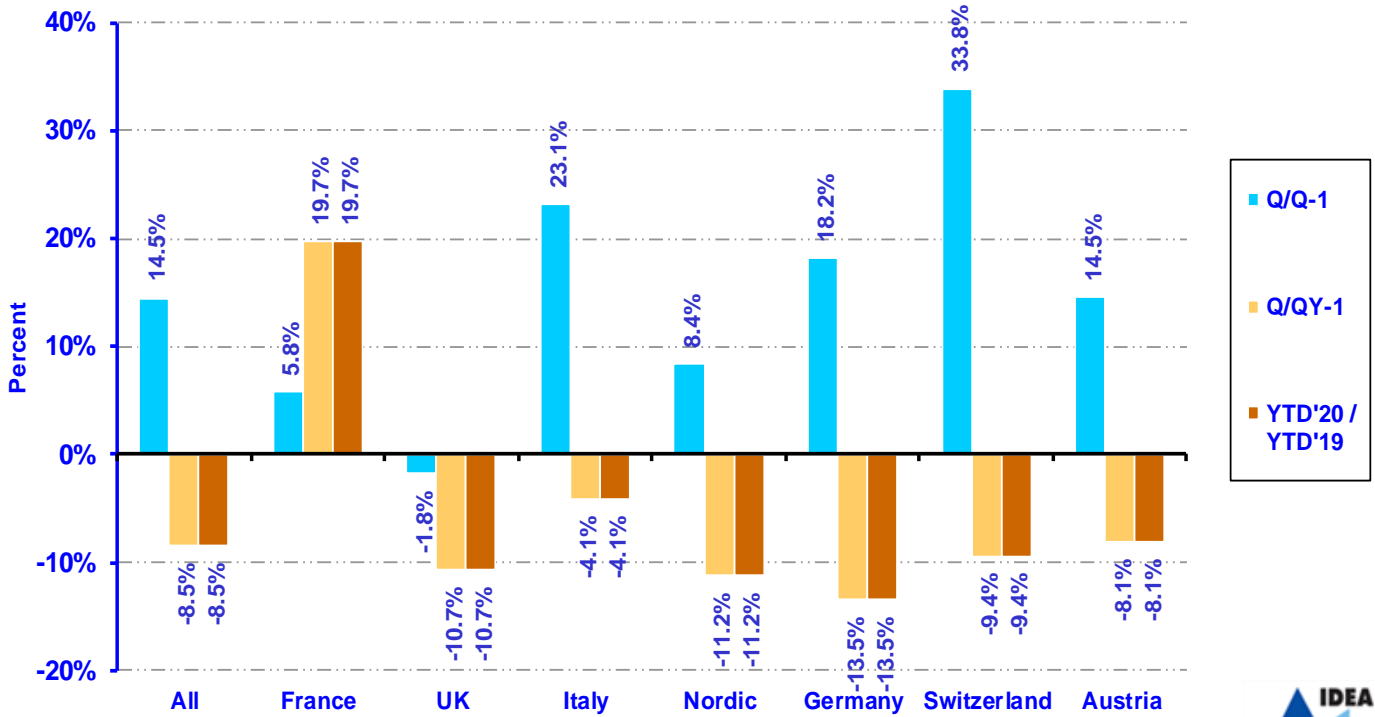
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1ST QTR 2020 SEMICONDUCTOR Billing Trend

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 20/19



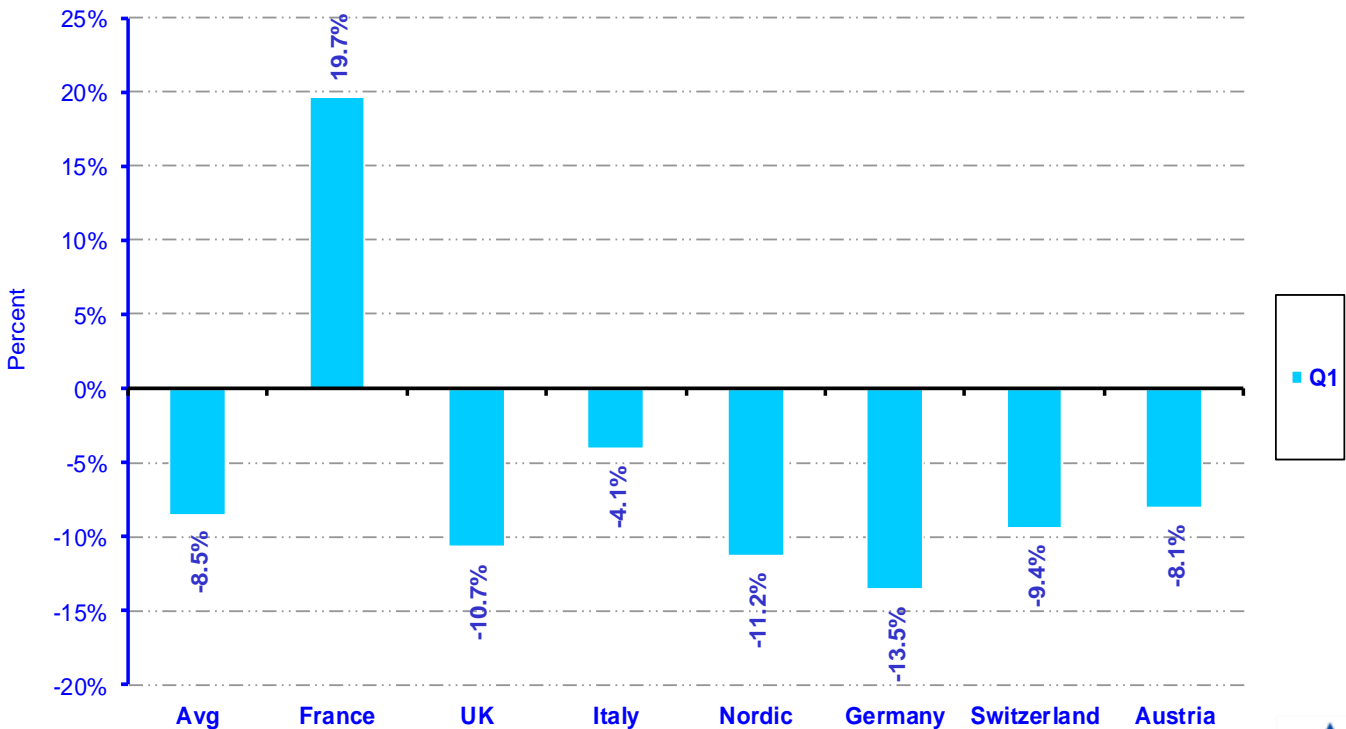
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1ST QTR. 2020 SEMICONDUCTOR YTD BILLING TREND

Graphic S4

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



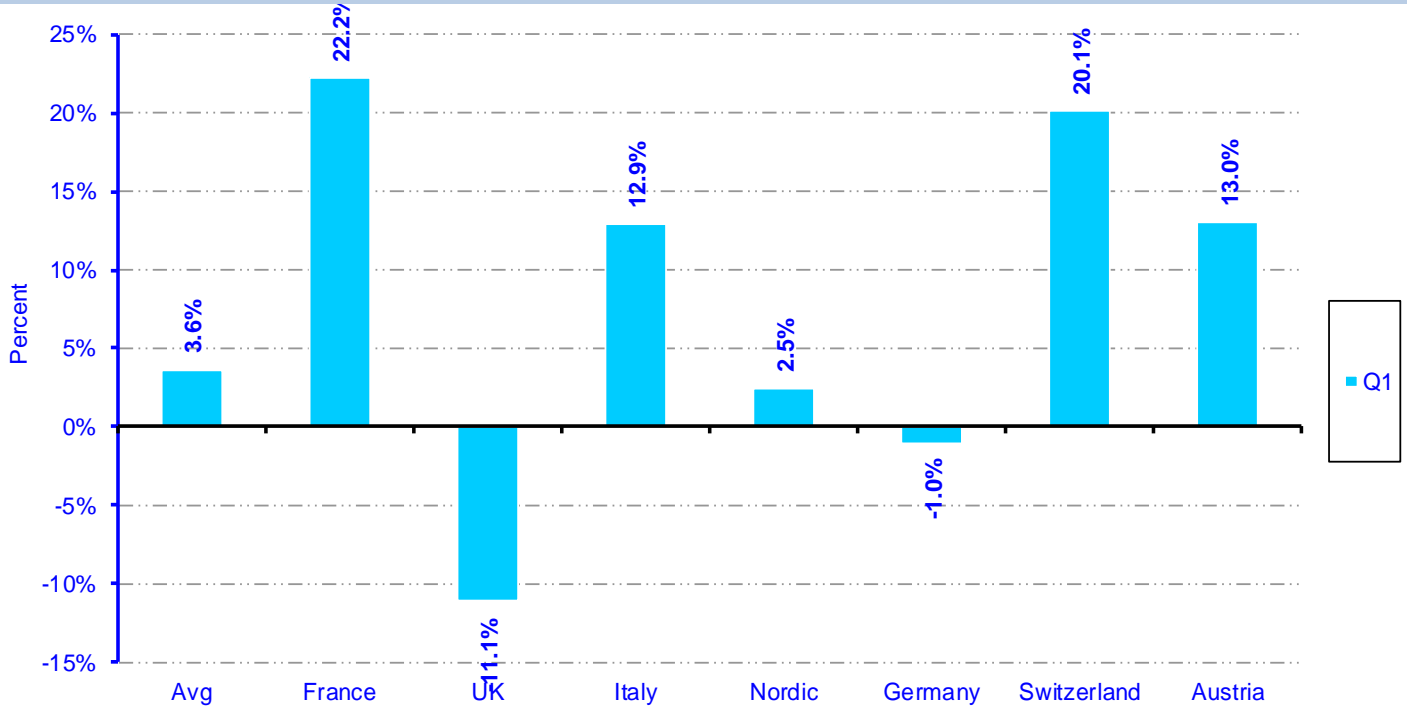
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1ST QTR. 2020 SEMICONDUCTOR YTD BOOKING TREND

Graphic S5

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



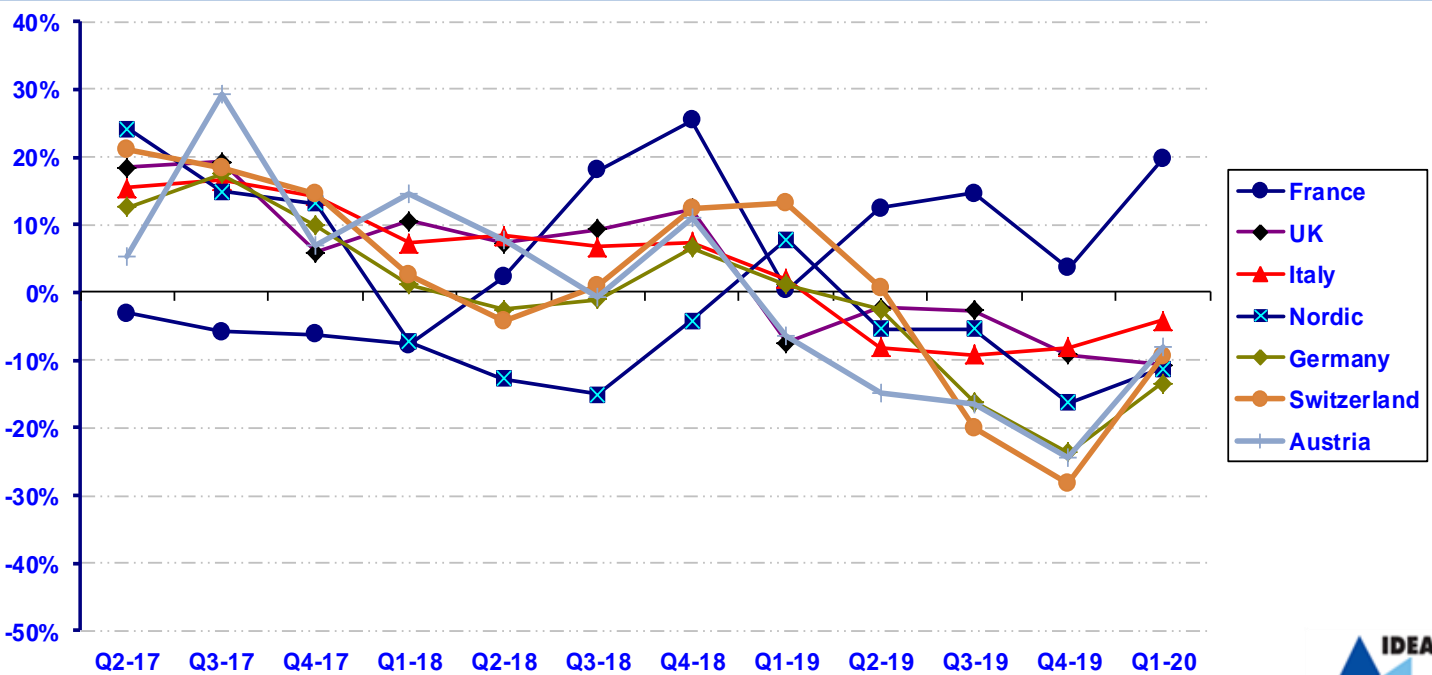
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1ST QTR. 2020 SEMICONDUCTOR TENDENTIAL INDEX (Q/Qy-1)

Graphic S6

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



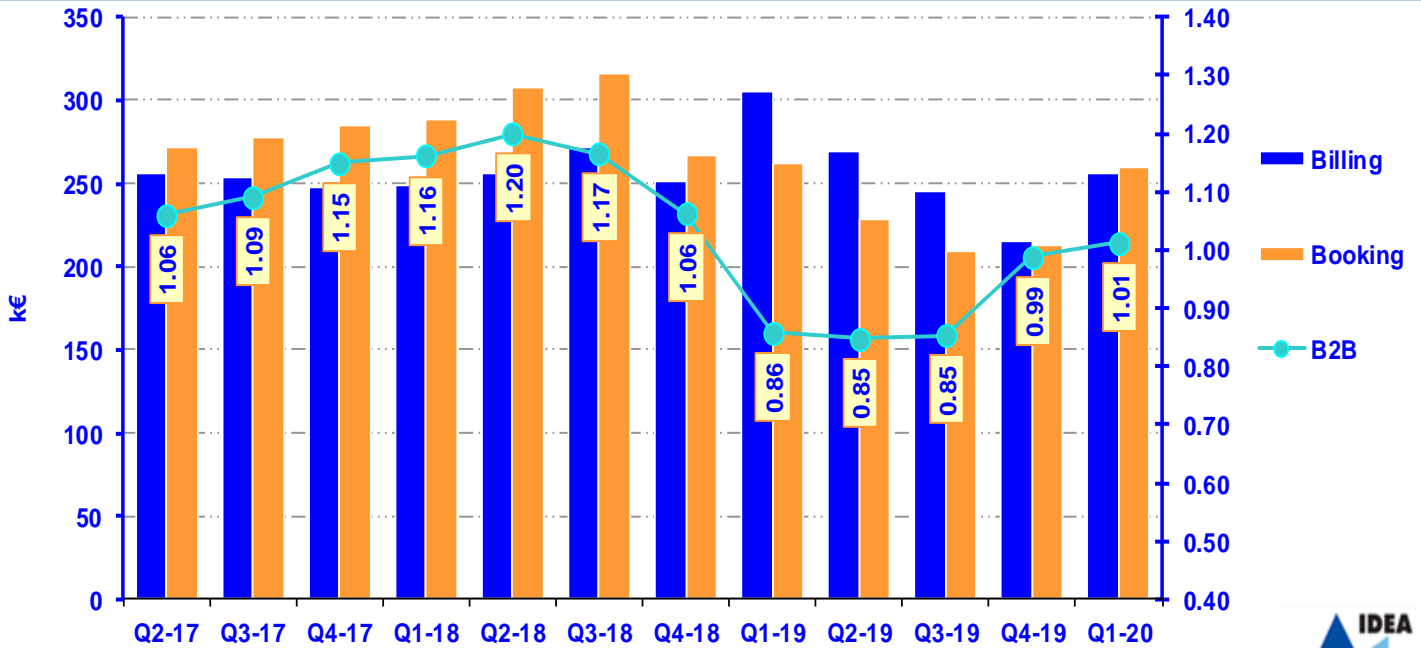
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1ST QTR. 2020 PASSIVES booking, billing & book:bill ratio

Graphic P1

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



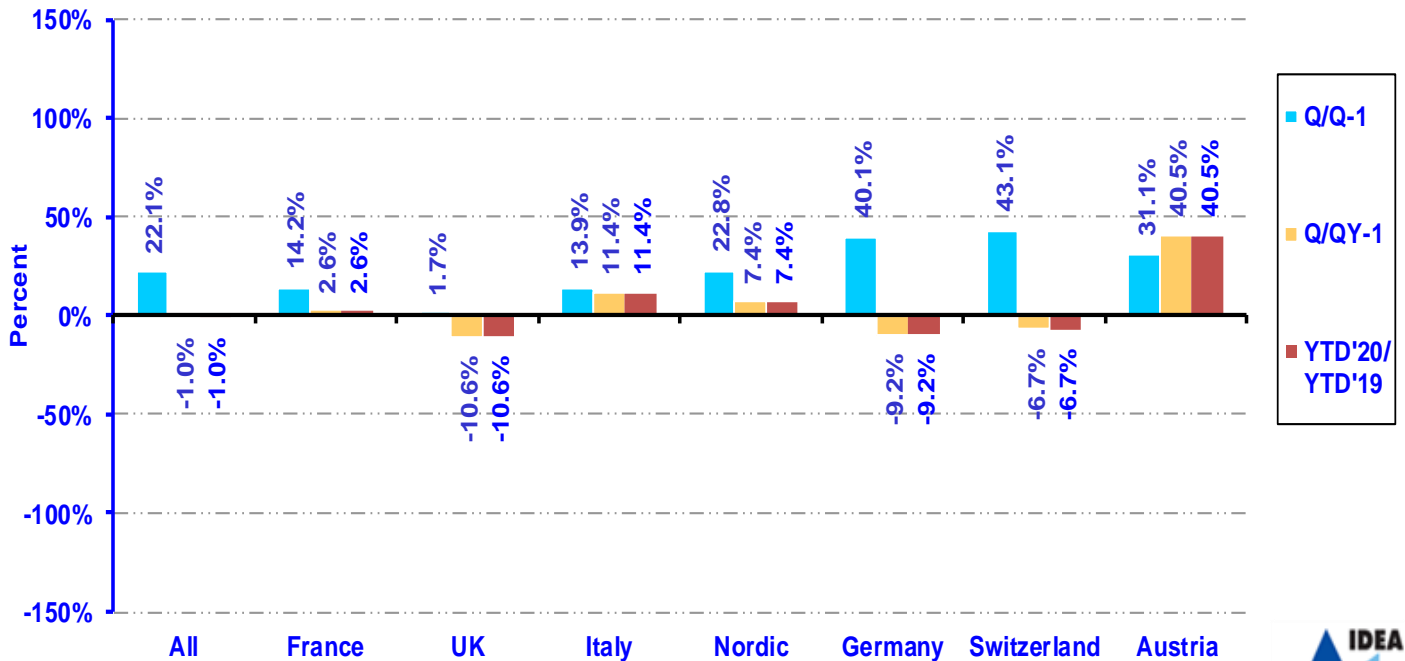
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1ST QTR. 2020 PASSIVE COMPONENTS Booking Trend

Graphic P2

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



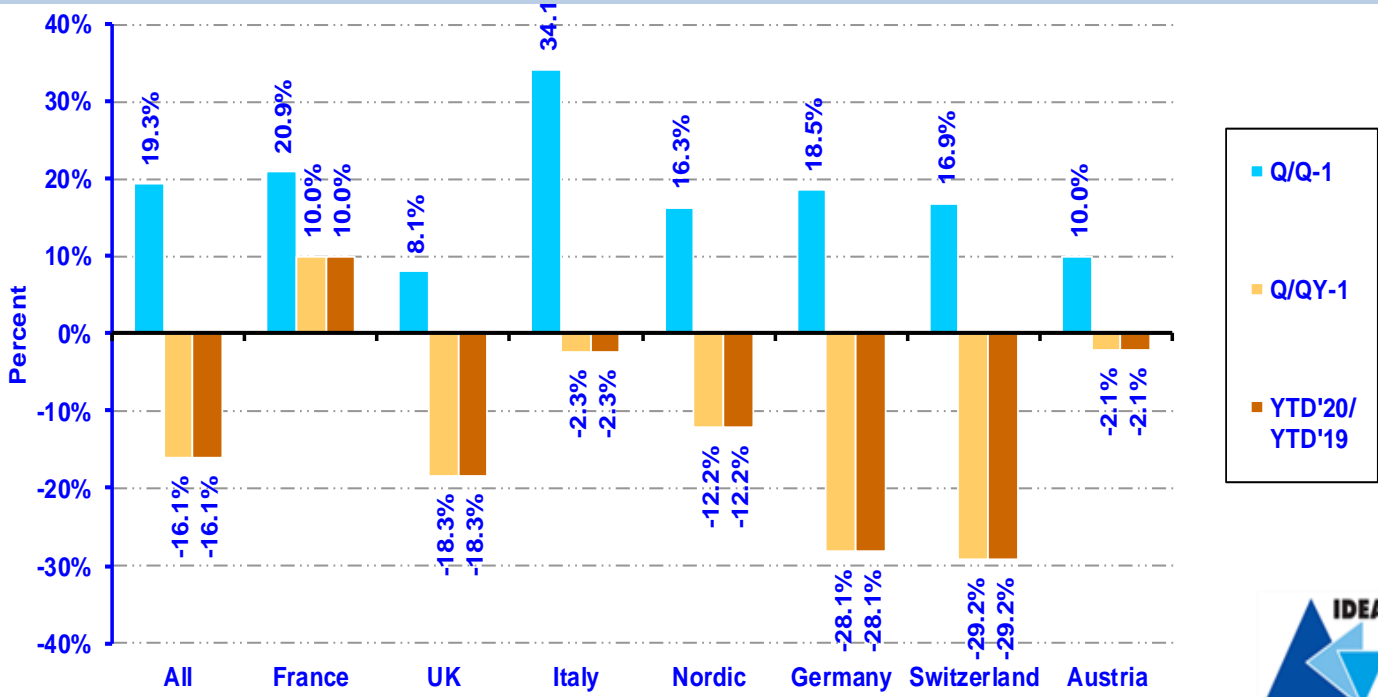
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1ST QTR. 2020 **PASSIVE COMPONENTS Billings Trend**

Graphic P3

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



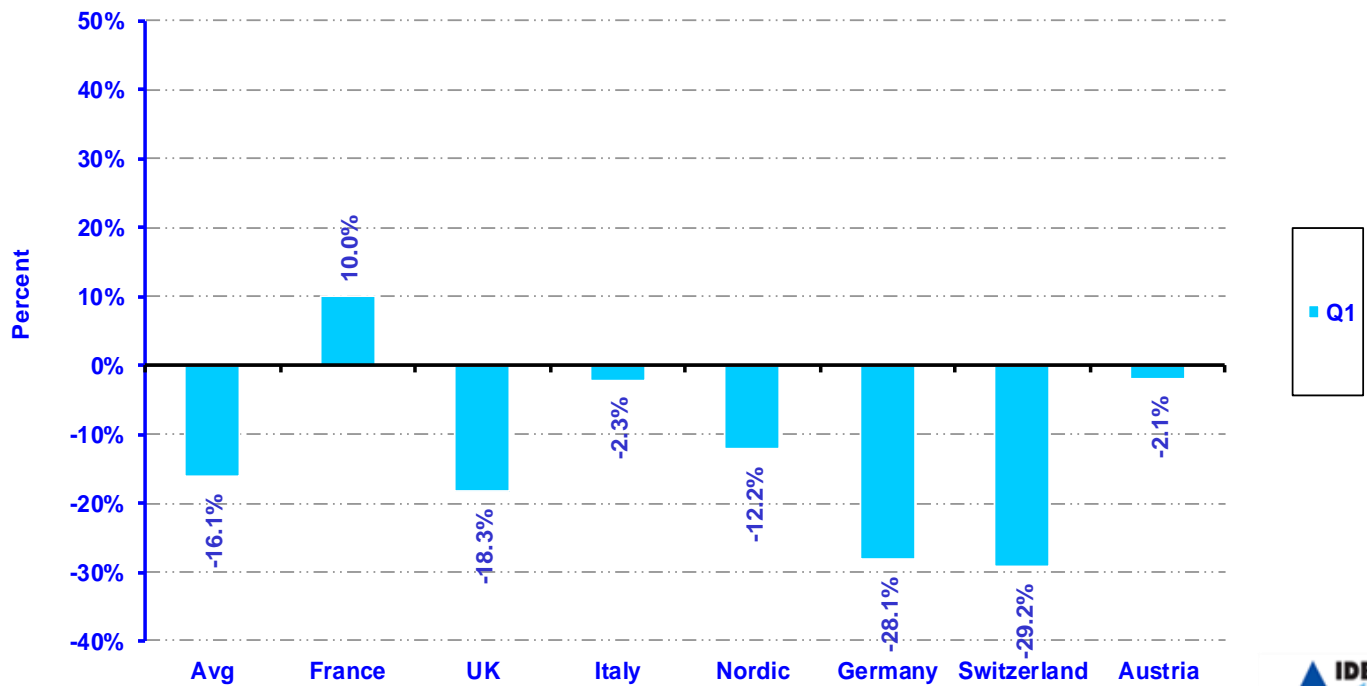
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1ST QTR. 2020 **PASSIVES YTD Billings Trend**

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



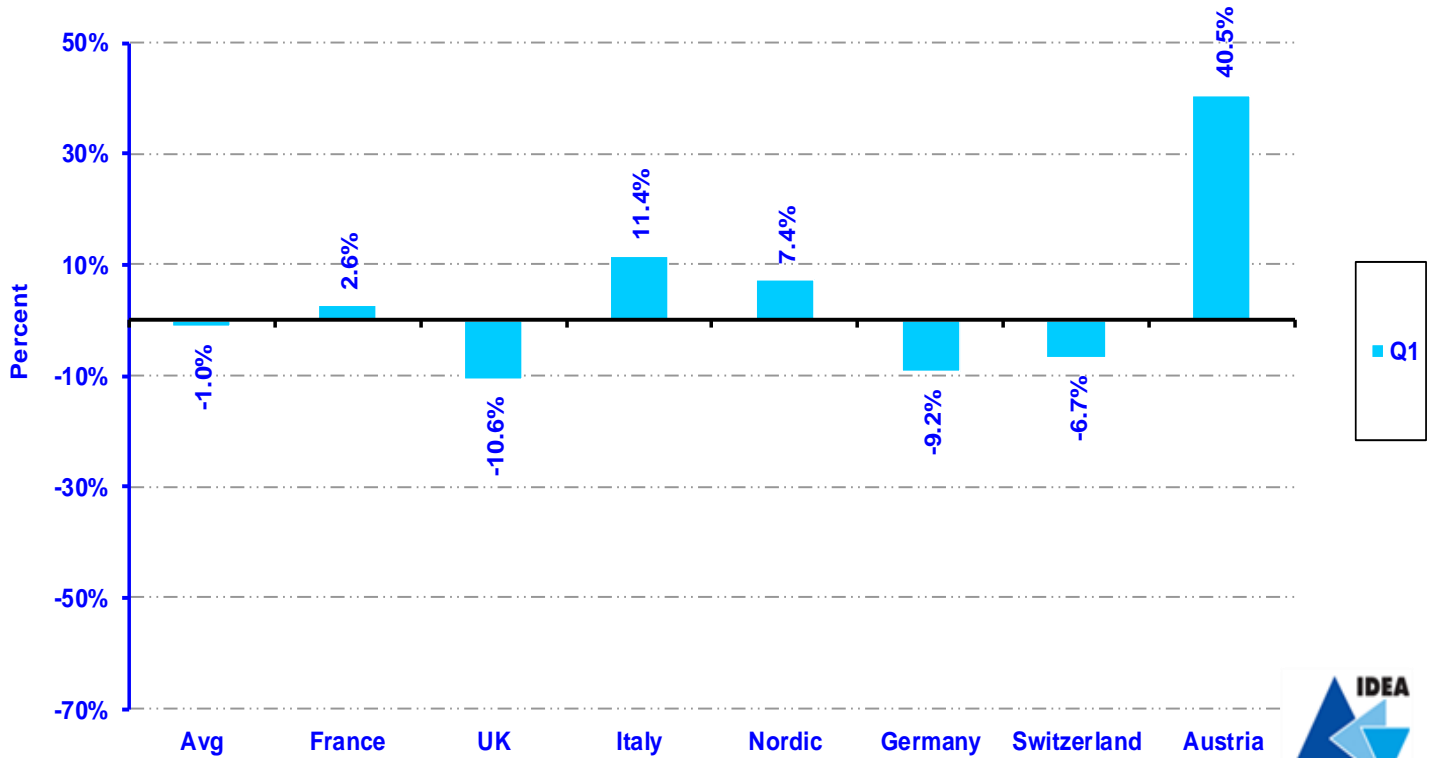
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1ST QTR. 2020 **PASSIVES YTD Bookings Trend**

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



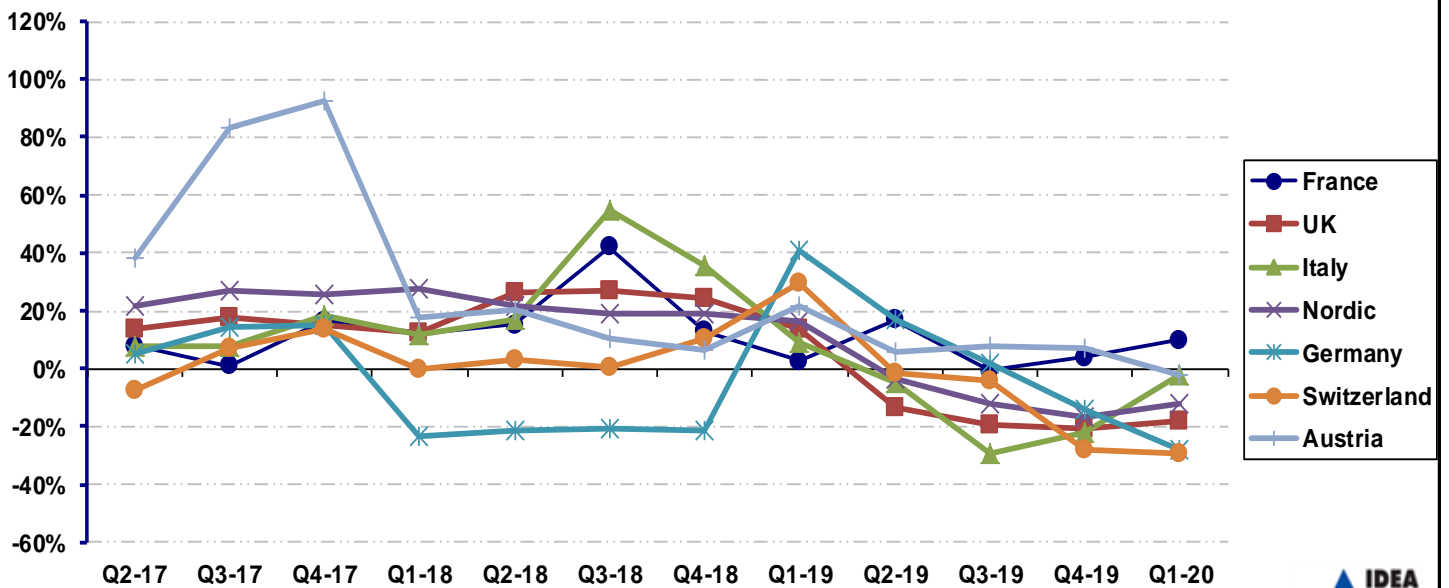
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1ST QTR. 2020 **PASSIVES TENDENTIAL INDEX BY COUNTRY(Q/Qy-1)**

Graphic P6

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



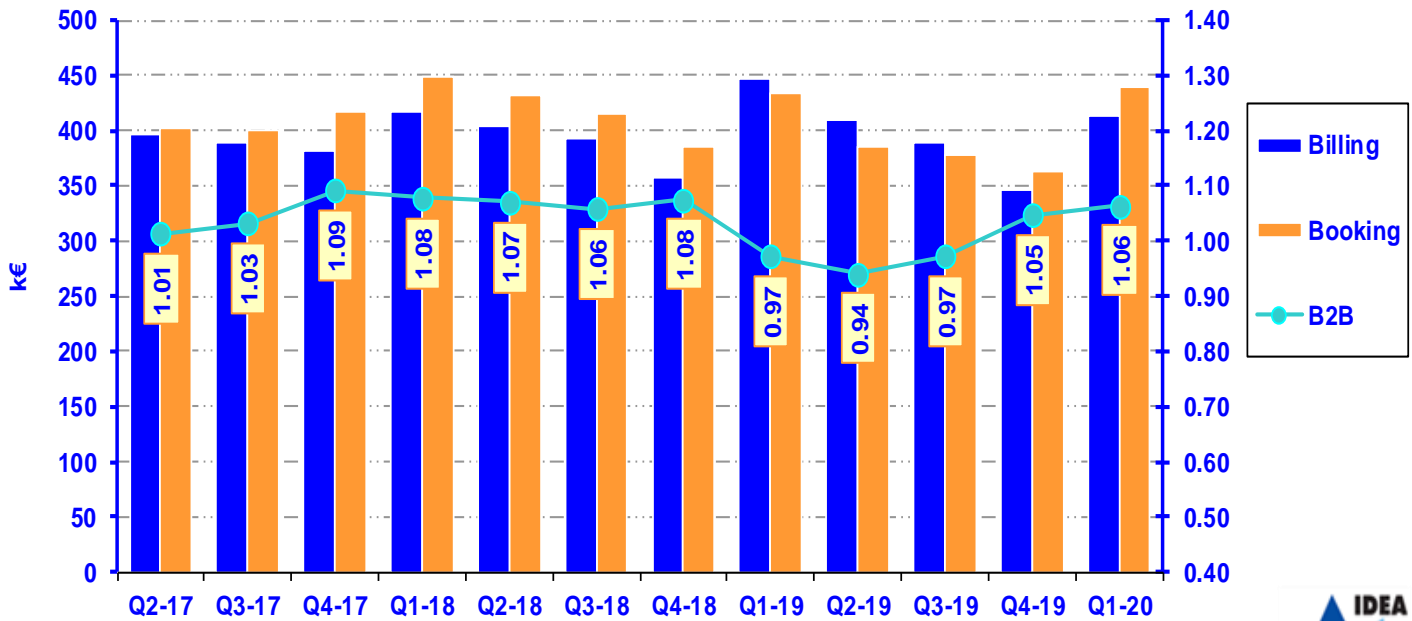
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1ST QTR. 2020 EMECH COMPONENTS booking, billing & book:bill ratio

Graphic E1

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



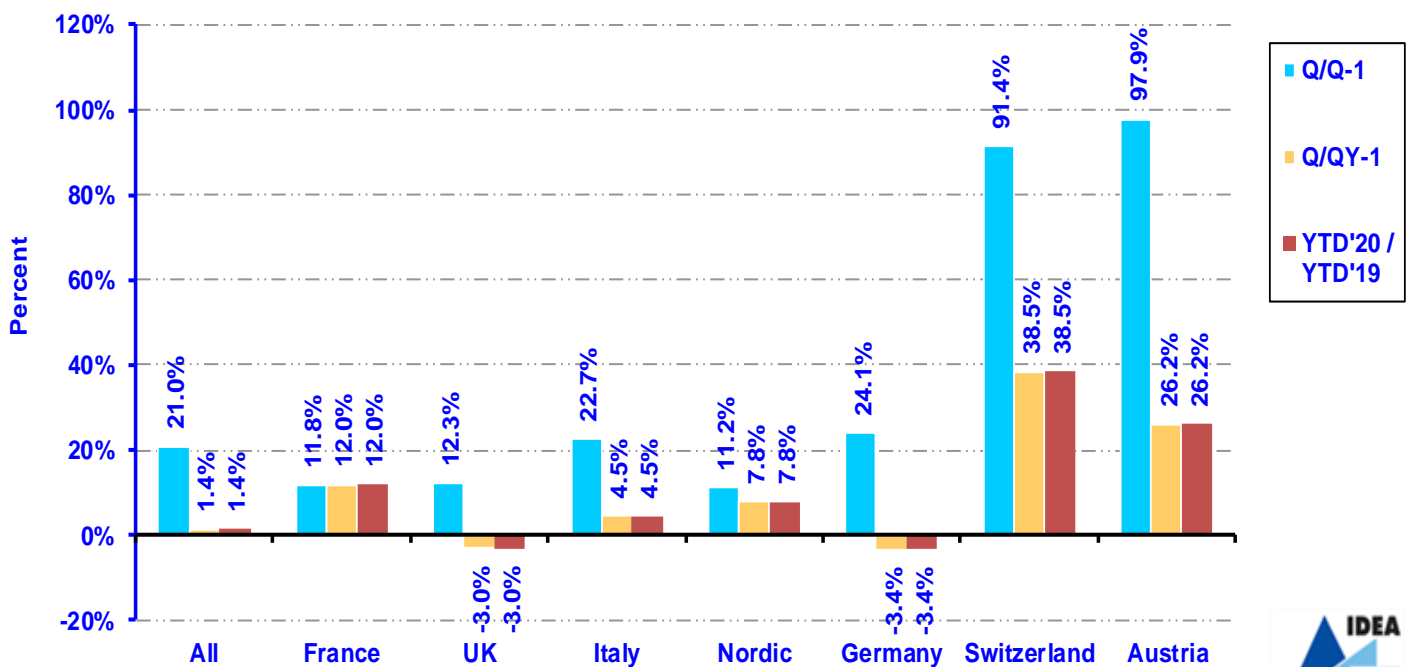
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1ST QTR. 2020 EMECH COMPONENTS Booking Trend

Graphic E2

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



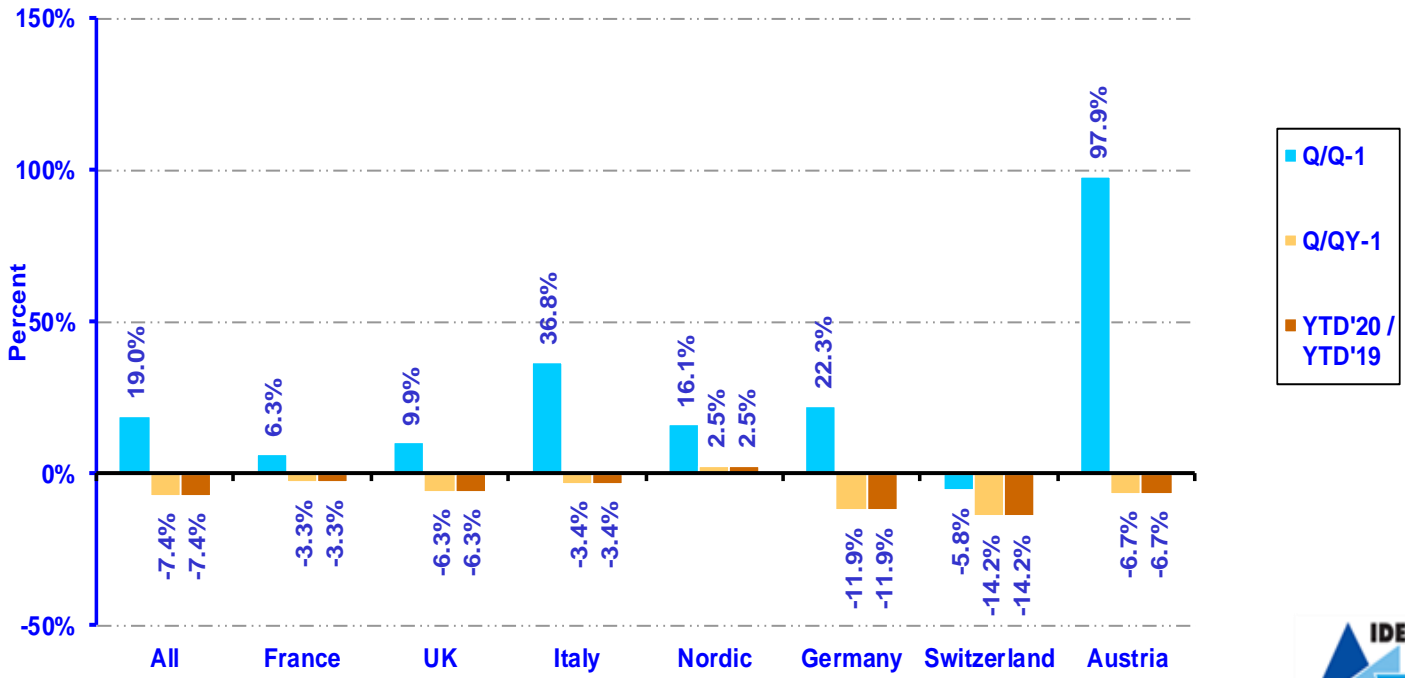
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1ST QTR. 2020 EMECH COMPONENTS Billings Trend

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



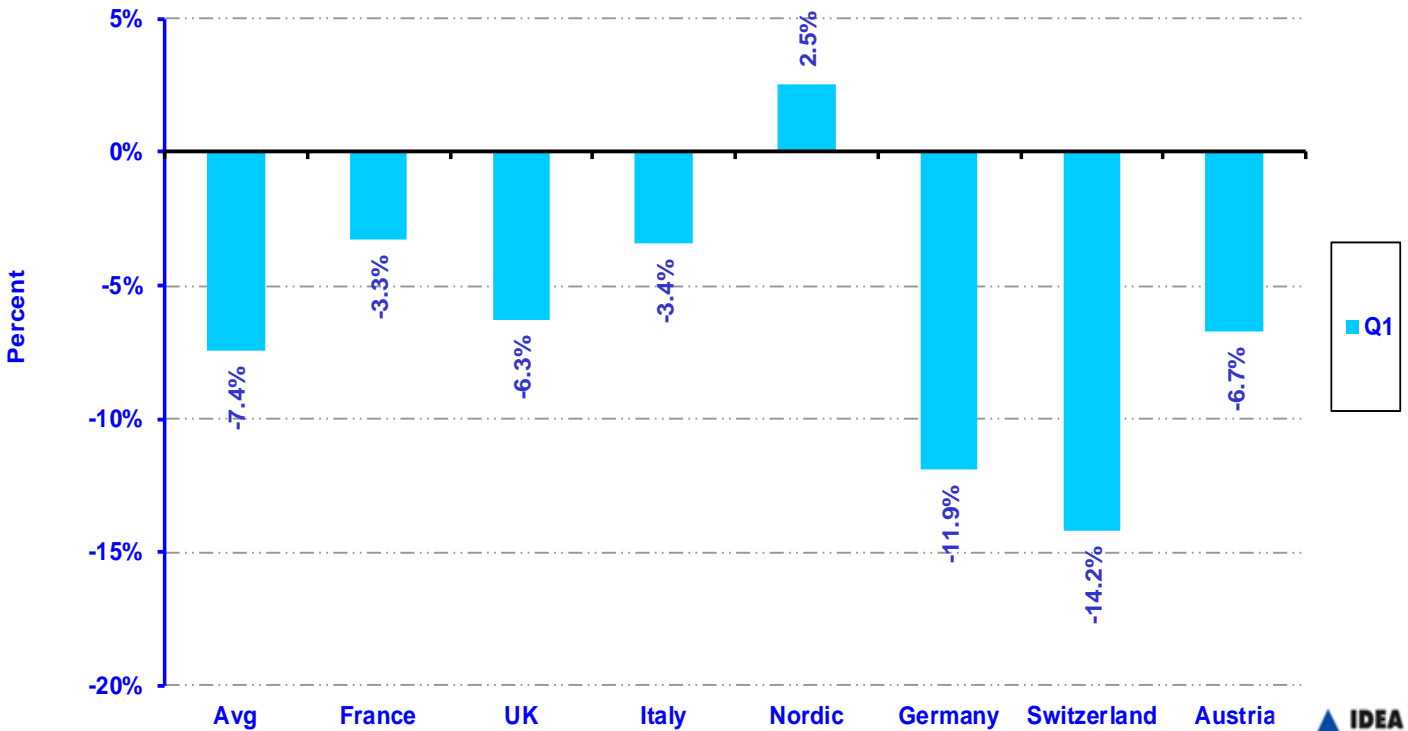
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1ST QTR. 2020 EMECH COMPONENTS YTD Billings Trend

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



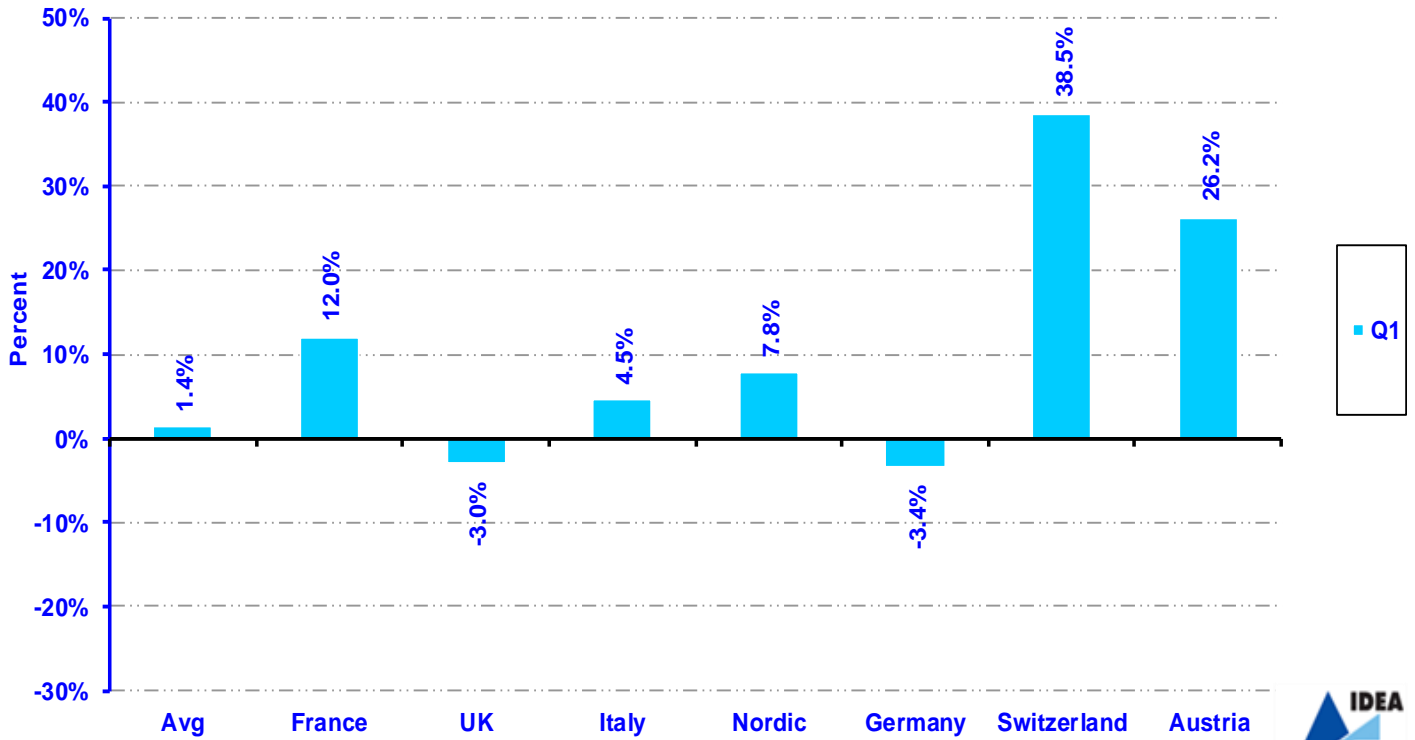
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1ST QTR. 2020 EMECH COMPONENTS YTD Bookings Trend

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



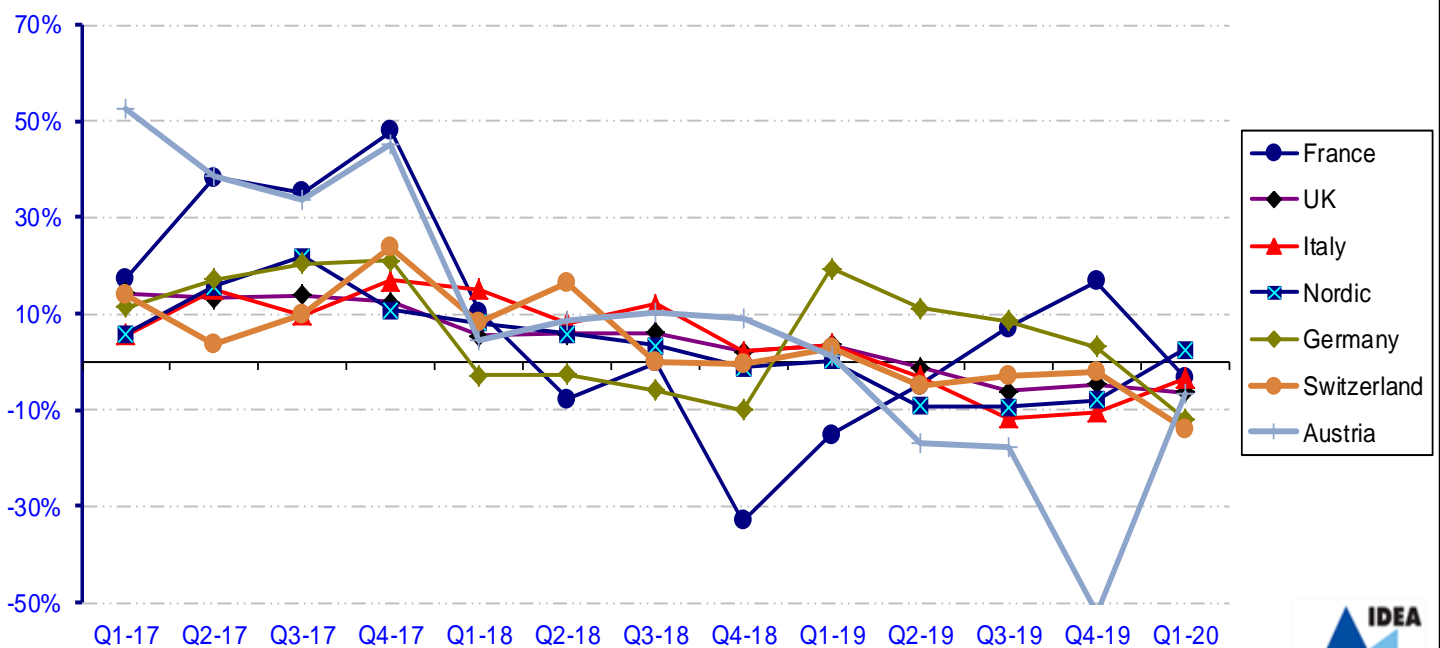
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1ST QTR. 2020 EMECH TENDENTIAL INDEX BY COUNTRY(Q/Qy-1)

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	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
All	Semis	Bookings	1,467	1,463	1,285	1,296	1,144	1,053	1,035	1,344
		Billings	1,358	1,373	1,335	1,390	1,319	1,233	1,111	1,272
	Passives	Bookings	308	317	267	262	228	210	212	259
		Billings	256	272	251	305	269	246	215	256
	Emech/Other	Bookings	433	416	384	433	385	379	363	439
		Billings	404	393	358	446	409	390	347	413
	Totals	Bookings	2,207	2,195	1,936	1,992	1,758	1,641	1,611	2,042
		Billings	2,018	2,037	1,944	2,142	1,997	1,868	1,673	1,941
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
France	Semis	Bookings	109	99	107	102	110	114	118	125
		Billings	104	109	114	104	117	125	118	125
	Passives	Bookings	34	33	27	32	29	27	29	33
		Billings	29	30	26	30	33	30	27	33
	Emech/Other	Bookings	38	33	25	32	30	33	32	36
		Billings	38	36	27	35	36	39	32	34
	Totals	Bookings	181	165	159	167	169	174	179	194
		Billings	171	176	168	170	187	194	177	192
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
UK	Semis	Bookings	196	187	175	181	164	159	137	160
		Billings	182	191	178	178	178	186	162	159
	Passives	Bookings	53	51	43	45	38	40	40	40
		Billings	47	50	46	48	41	40	36	39
	Emech/Other	Bookings	112	108	101	112	107	99	97	109
		Billings	106	109	100	112	105	102	95	105
	Totals	Bookings	362	346	320	338	308	299	274	310
		Billings	335	350	324	337	323	329	293	303
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
Italy	Semis	Bookings	237	227	167	239	186	179	191	270
		Billings	239	208	198	233	220	189	182	224
	Passives	Bookings	62	66	60	49	43	37	48	54
		Billings	52	58	52	56	50	41	40	54
	Emech/Other	Bookings	56	52	46	53	45	39	45	55
		Billings	55	47	45	57	53	41	40	55
	Totals	Bookings	355	346	273	341	275	255	284	380
		Billings	346	313	294	345	323	271	262	333
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
Nordic	Semis	Bookings	122	105	113	95	90	77	76	97
		Billings	104	98	106	109	99	93	89	97
	Passives	Bookings	16	15	15	13	13	11	11	14
		Billings	14	13	14	15	13	12	11	13
	Emech/Other	Bookings	37	33	35	37	33	32	36	40
		Billings	38	36	36	37	35	33	33	38
	Totals	Bookings	175	152	162	144	136	120	123	151
		Billings	156	147	156	161	147	137	134	148
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
Germany	Semis	Bookings	679	714	605	580	508	447	436	574
		Billings	620	652	623	650	604	547	476	562
	Passives	Bookings	115	128	99	103	82	78	67	94
		Billings	95	100	93	132	111	102	80	95
	Emech/Other	Bookings	167	165	153	180	152	156	140	173
		Billings	144	143	127	182	160	155	131	160
	Totals	Bookings	961	1006	857	863	742	681	643	842
		Billings	858	895	844	964	875	803	687	818
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
Switzerland	Semis	Bookings	65	72	66	59	50	41	40	71
		Billings	57	64	62	66	58	51	45	60
	Passives	Bookings	10	9	8	8	6	6	5	7
		Billings	7	7	8	9	7	7	6	7
	Emech/Other	Bookings	10	11	10	10	10	8	7	14
		Billings	10	9	9	10	10	9	9	9
	Totals	Bookings	85	92	84	76	66	56	53	92
		Billings	75	80	80	86	74	67	60	75
Country	Category	Activity	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20
Austria	Semis	Bookings	58	59	53	41	36	36	36	46
		Billings	51	51	53	50	43	43	40	46
	Passives	Bookings	18	16	15	12	18	10	13	16
		Billings	13	13	13	15	14	14	14	15
	Emech/Other	Bookings	14	14	13	10	8	10	6	12
		Billings	13	13	13	13	11	10	6	12
	Totals	Bookings	90	88	81	62	63	56	55	75
		Billings	77	77	78	78	68	67	60	73