



Q2-2020 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.

Contents

Page	Graphic no.	Content
4	T1	Total electronic component Booking, billing & Book:bill ratio (Total distribution electronic component booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
4	T2	Total electronic component bookings trend (Distribution orders for electronic components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
5	T3	Total electronic component billings trend (Distribution sales of electronic components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
5	T4	Total electronic component year-to-date billings trend (Cumulative sales of electronic components via distribution by country for current year-to-date compared with the same period prior year)
6	T5	Total electronic component year-to-date booking trend (Cumulative orders for electronic components via distribution by country for current year-to-date compared with the same period prior year)
6	T6	Total electronic component tendential index by country (Trend showing growth/decline % in quarterly sales of all electronic components by country compared with the same quarter prior year)
7	S1	Semiconductor Booking, billing & Book:bill ratio (Semiconductor booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
7	S2	Semiconductor bookings trend (Distribution orders for semiconductors by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
8	S3	Semiconductor billings trend (Distribution sales of semiconductors by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
8	S4	Semiconductor year-to-date billings trend (Cumulative sales of semiconductors via distribution by country for current year-to-date compared with the same period prior year)
9	S5	Semiconductor year-to-date booking trend (Cumulative orders for semiconductors via distribution by country for current year-to-date compared with the same period prior year)
9	S6	Semiconductor tendential index by country (Trend showing growth/decline % in quarterly sales of semiconductors by country compared with the same quarter prior year)
10	P1	Passive component Booking, billing & Book:bill ratio (Passives component booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
10	P2	Passive component bookings trend (Distribution orders for passive components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)

11	P3	Passive component billings trend (Distribution sales of passive components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
11	P4	Passive component year-to-date billings trend (Cumulative sales of passive components via distribution by country for current year-to-date compared with the same period prior year)
12	P5	Passive component year-to-date booking trend (Cumulative orders for passive components via distribution by country for current year-to-date compared with the same period prior year)
12	P6	Passive component tendential index by country (Trend showing growth/decline % in quarterly sales of passive components by country compared with the same quarter prior year)
13	E1	Electromechanical component Booking, billing & Book:bill ratio (Electromechanical component booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
13	E2	Electromechanical component bookings trend (Distribution orders for electromechanical components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
14	E3	Electromechanical component billings trend (Distribution sales of electromechanical components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
14	E4	Electromechanical component year-to-date billings trend (Cumulative sales of electromechanical components via distribution by country for current year-to-date compared with the same period prior year)
15	E5	Electromechanical component year-to-date booking trend (Cumulative orders for electromechanical components via distribution by country for current year-to-date compared with the same period prior year)
15	E6	Electromechanical component tendential index by country (Trend showing growth/decline % in quarterly sales of electromechanical components by country compared with the same quarter prior year)
16		Data input by Country and Component The Data supplied by contributing Associations used to produce this Graphics Package.

These graphics have been prepared by *ecsn* (*afdec*) in the UK and any queries should be addressed to:-

Graham Waite, Telephone: 44 (0) 1763 274748 or by Email: enquiries@ecsn-uk.org

IDEA Secretariat: Laura Baronchelli

Via Console Flaminio, 19

I-20134 Milan

Italy

Phone +39 02 210 111 251

Fax +39 02 210 111 222

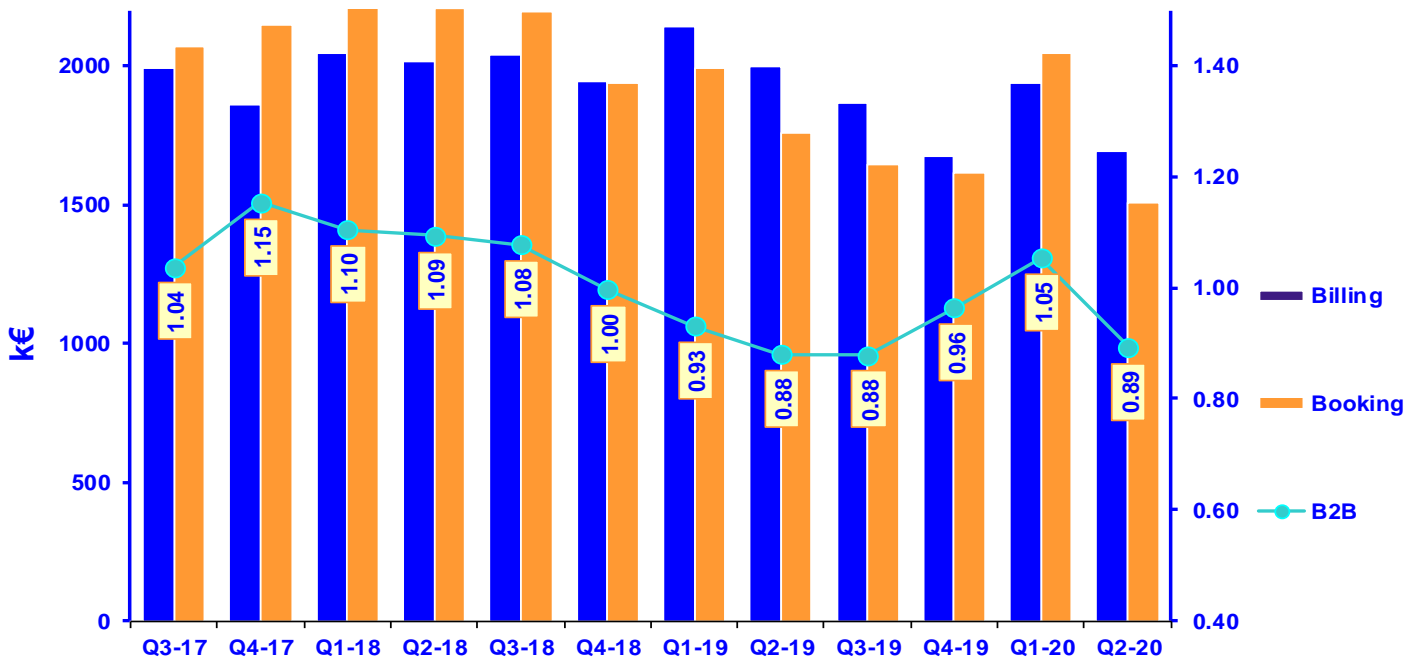
segreteria@ideaelectronics.com

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

2ND 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

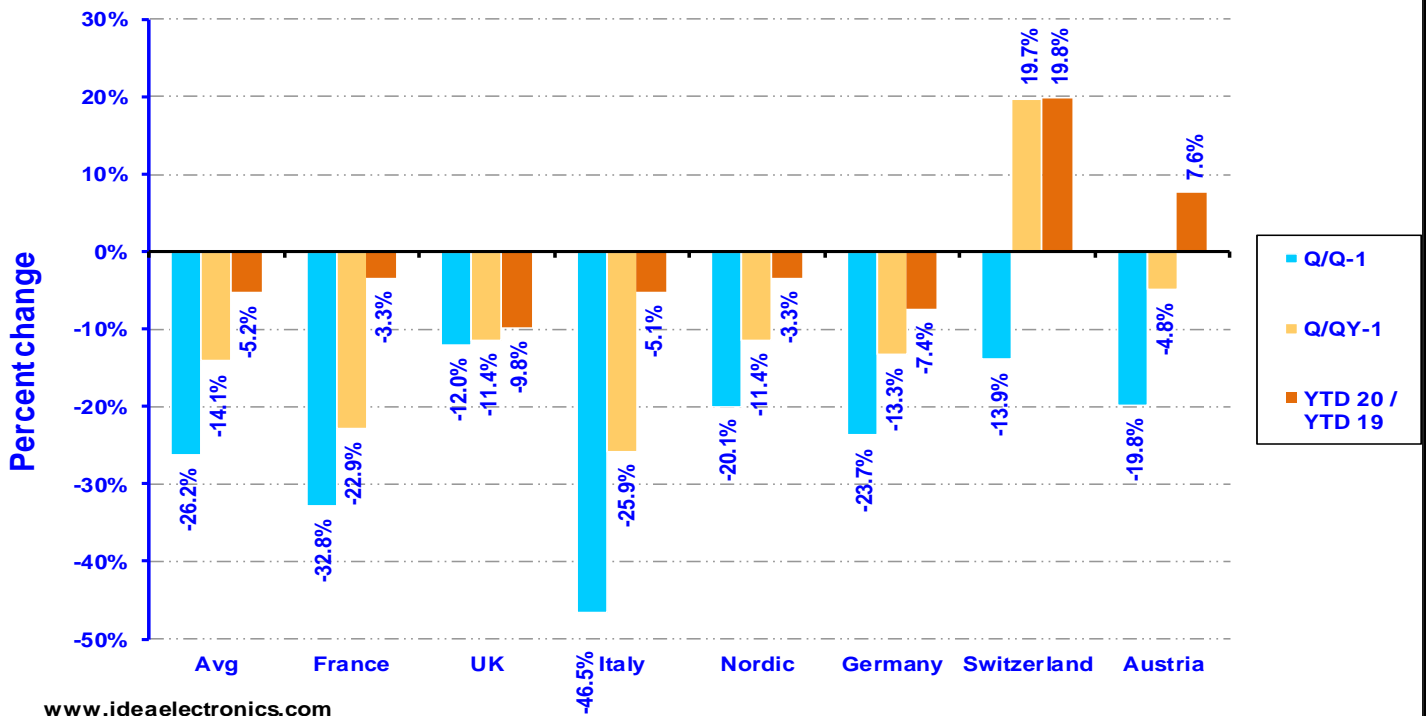


www.ideaelectronics.com

2ND 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

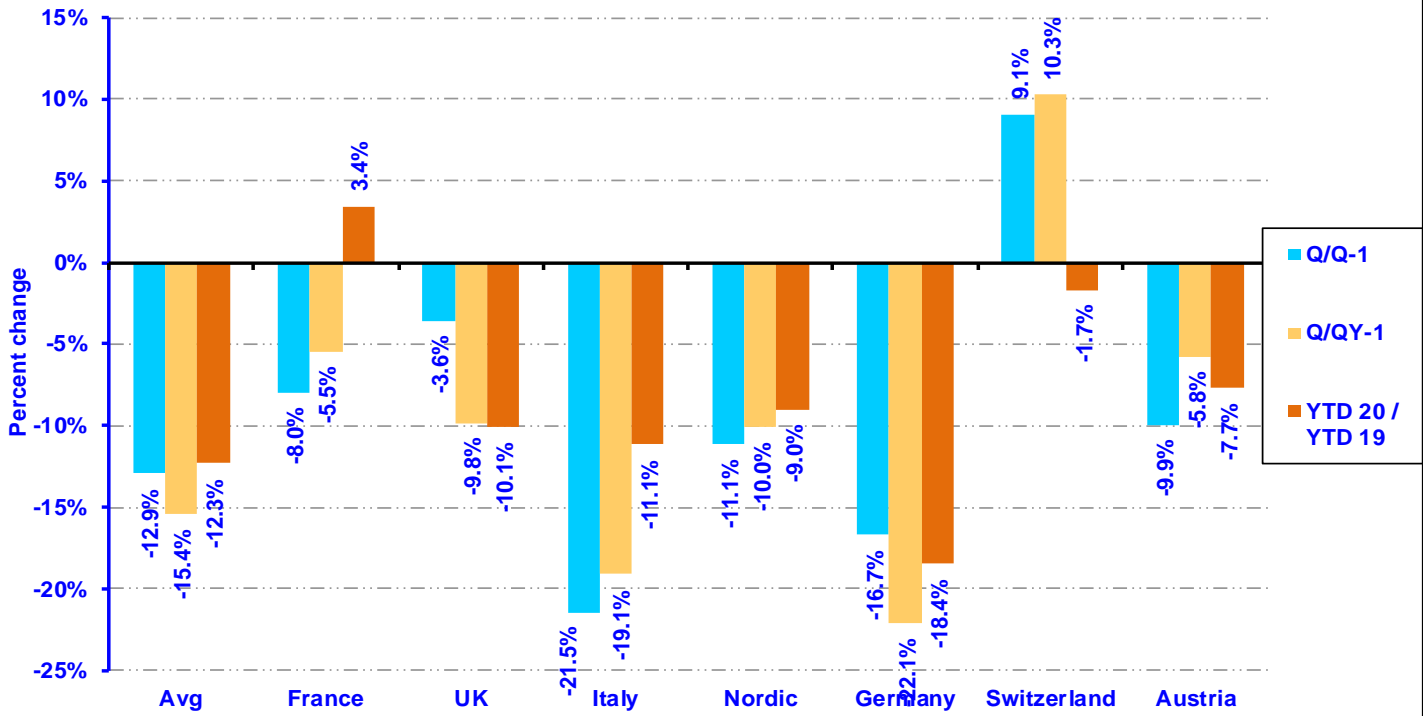


www.ideaelectronics.com

2ND 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

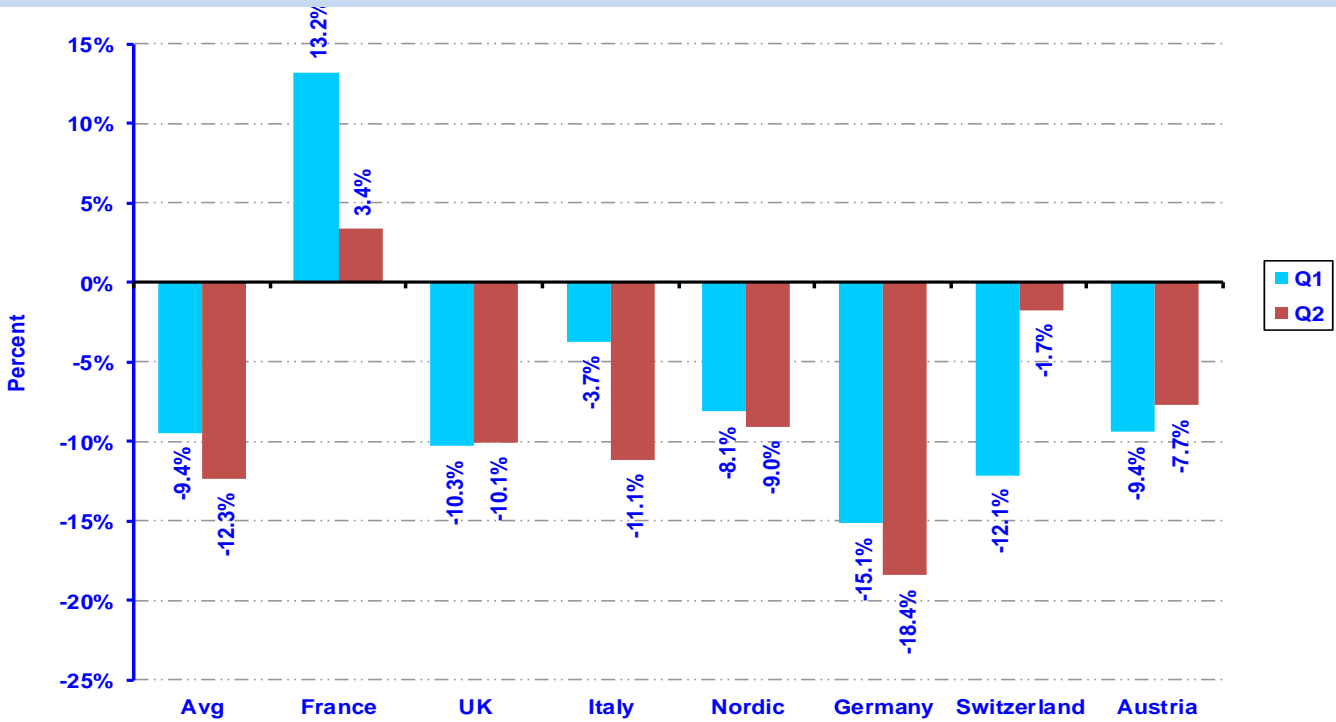


www.ideaelectronics.com

2ND 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

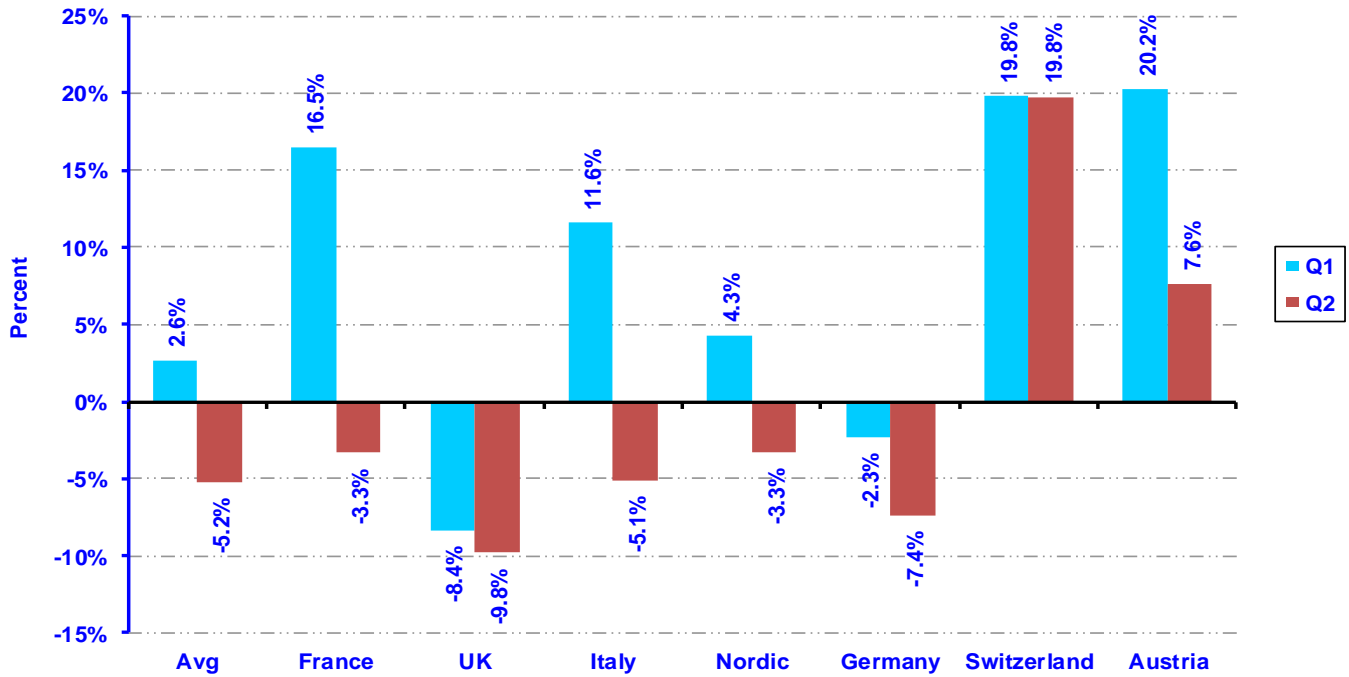


www.ideaelectronics.com

2ND QTR. 2020 TOTAL COMPONENTS YTD Bookings Trend

Graphic T5

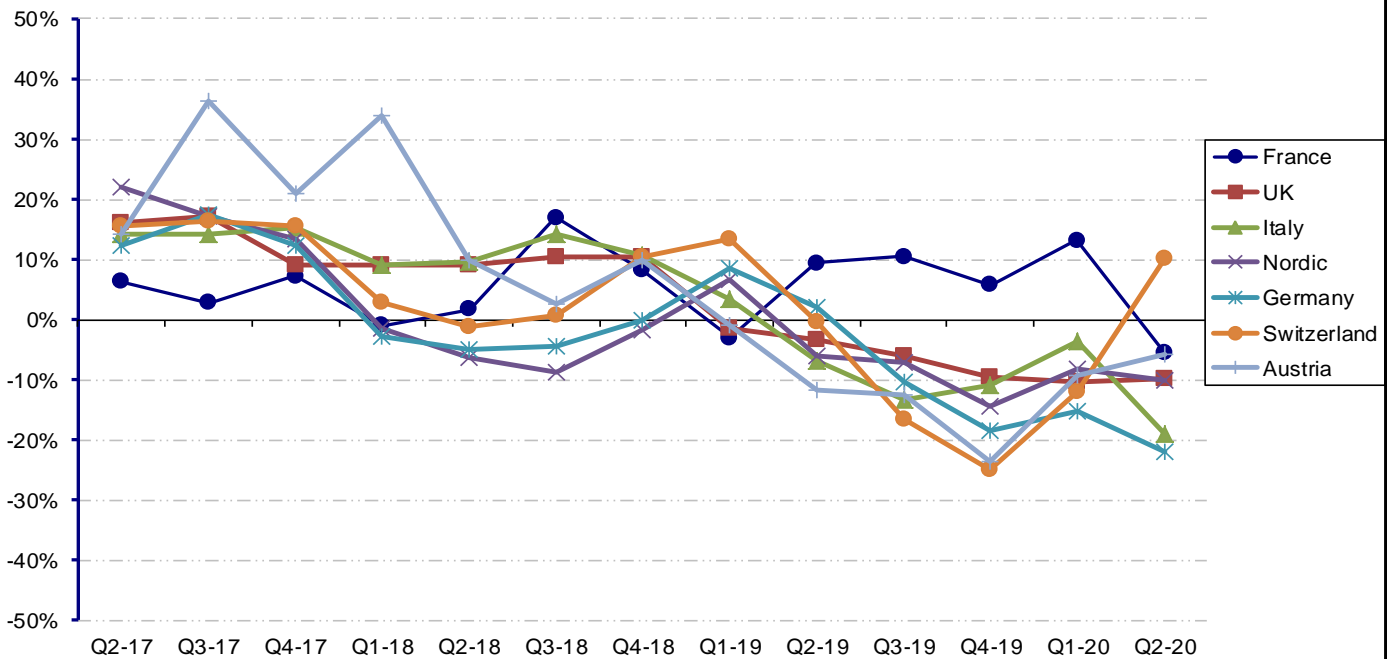
Cumulative orders for Electronic components via distribution by country for current year to date compared with same period prior year



www.ideaelectronics.com

2ND QTR. 2020 TOTAL COMPONENTS TENDENTIAL INDEX BY COUNTRY(Q.QY-1) Graphic T6

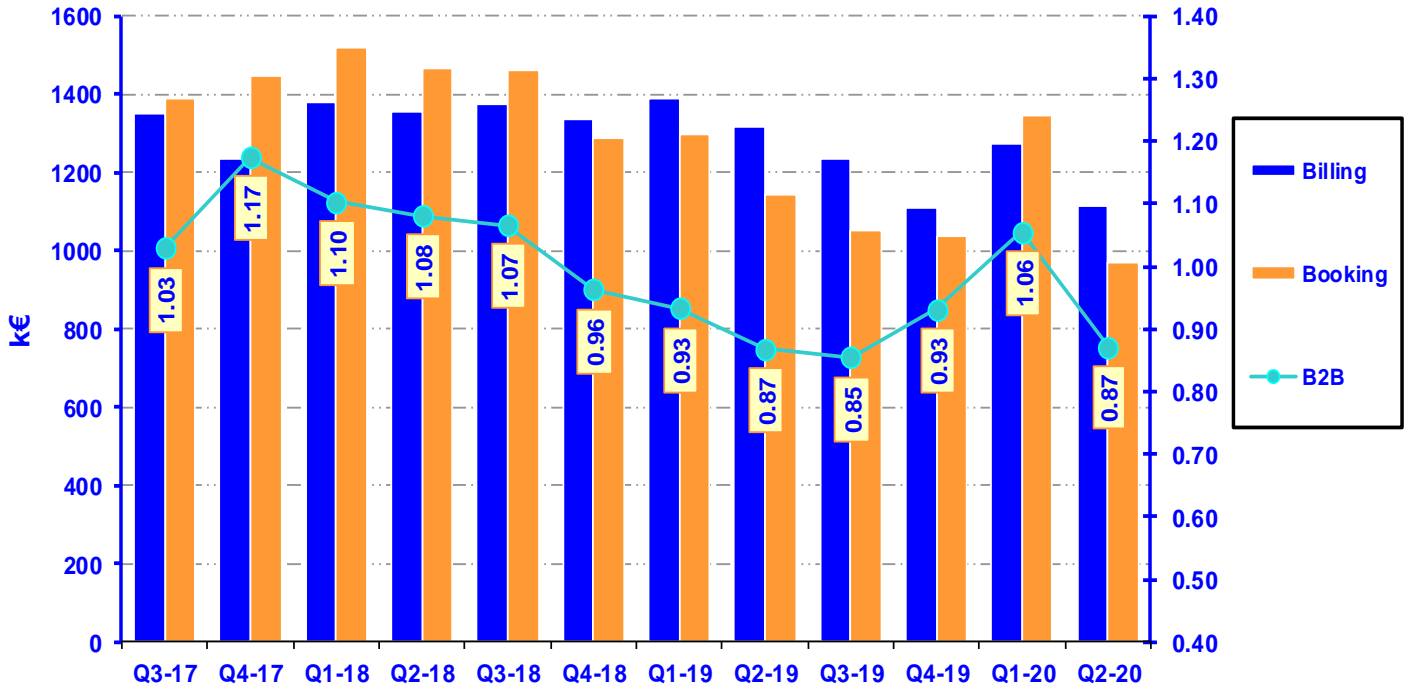
Trend showing growth/decline % in quarterly sales of all components through distribution split by country compared with same quarter prior year



www.ideaelectronics.com

2ND QTR. 2020 SEMICONDUCTOR bookings, billings & book:bill ratio *Graphic S1*

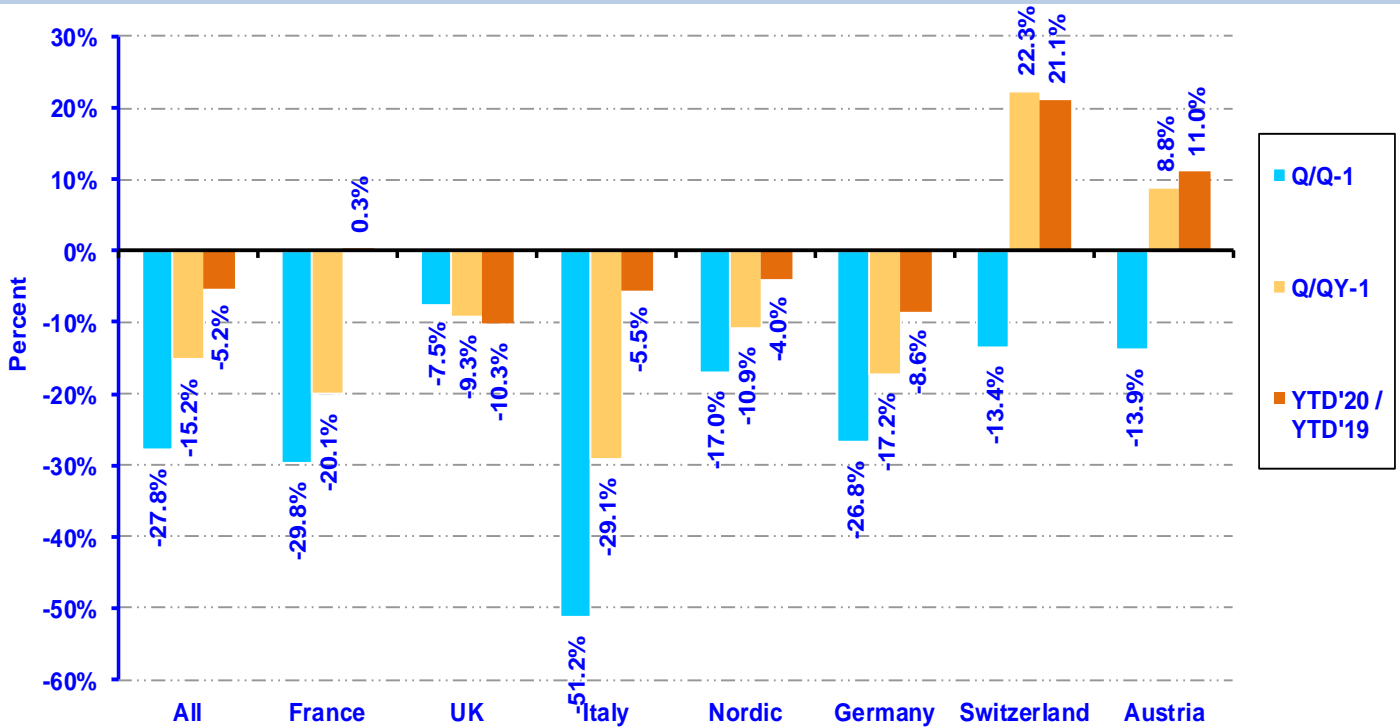
Semiconductor components bookings, billings & book:bill ratio for Germany, France, Italy, UK, Sweden, Norway, Denmark, Finland, Switzerland and Austria



www.ideaelectronics.com

2ND 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

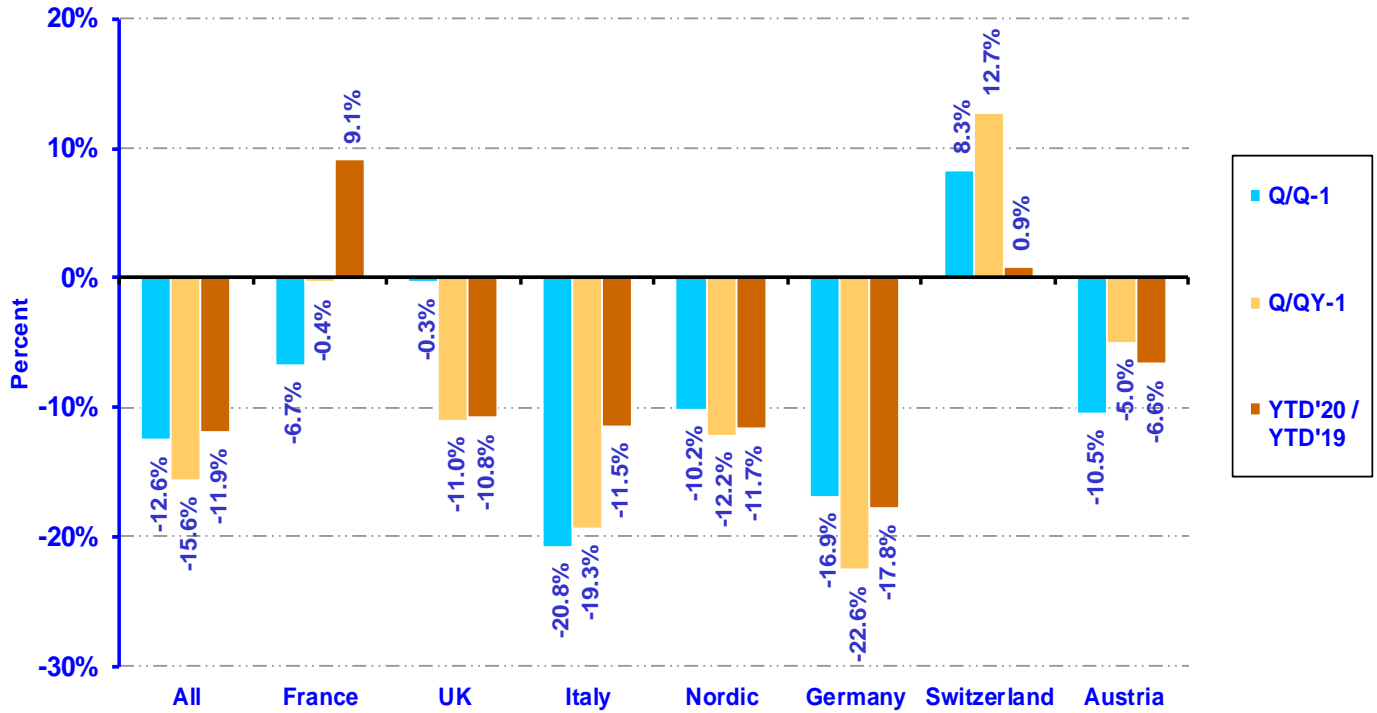


www.ideaelectronics.com

2ND 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

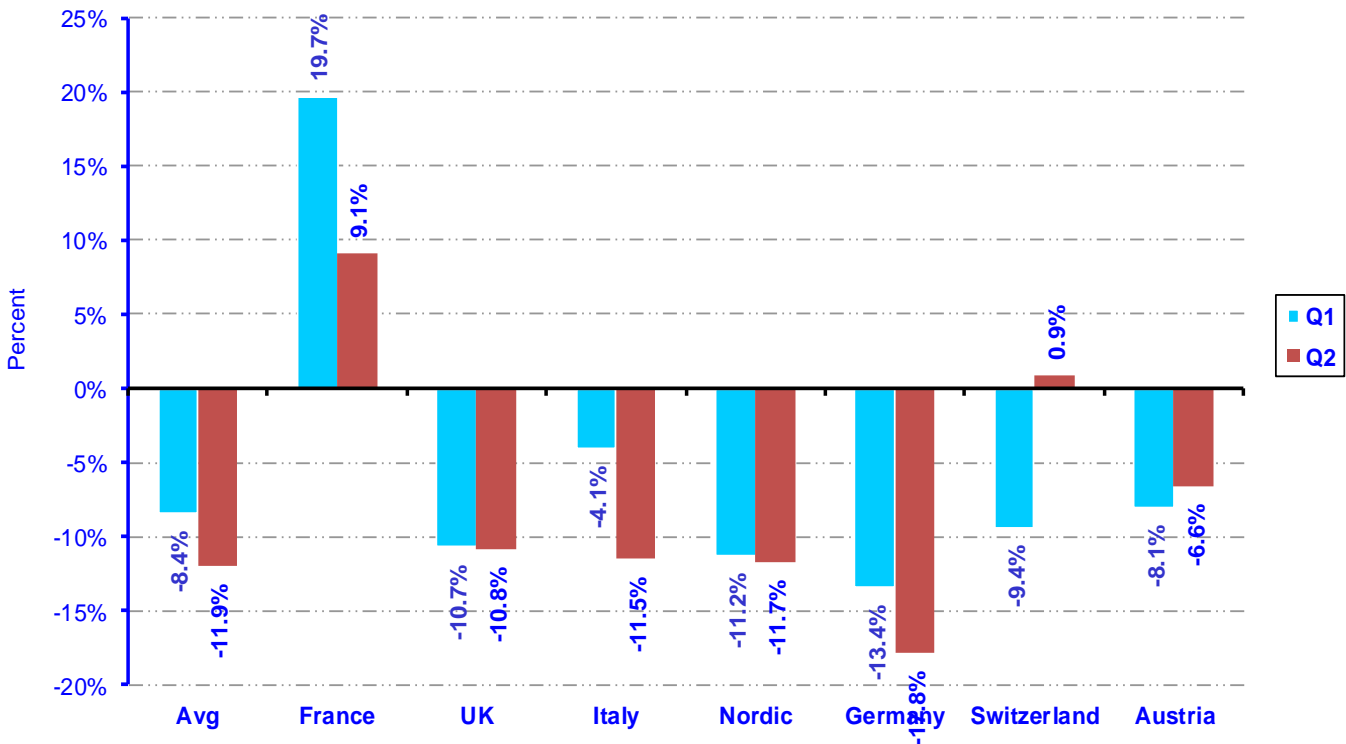


www.ideaelectronics.com

2ND 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

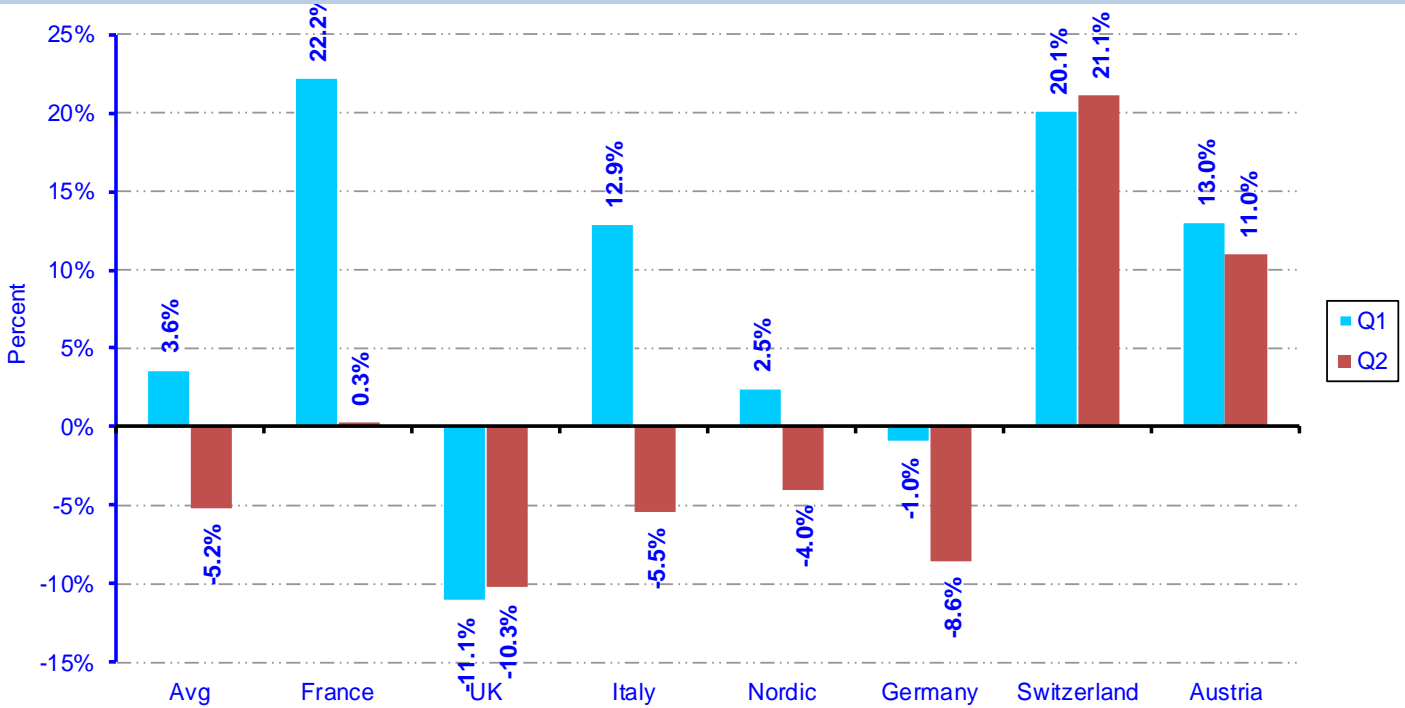


www.ideaelectronics.com

2ND 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

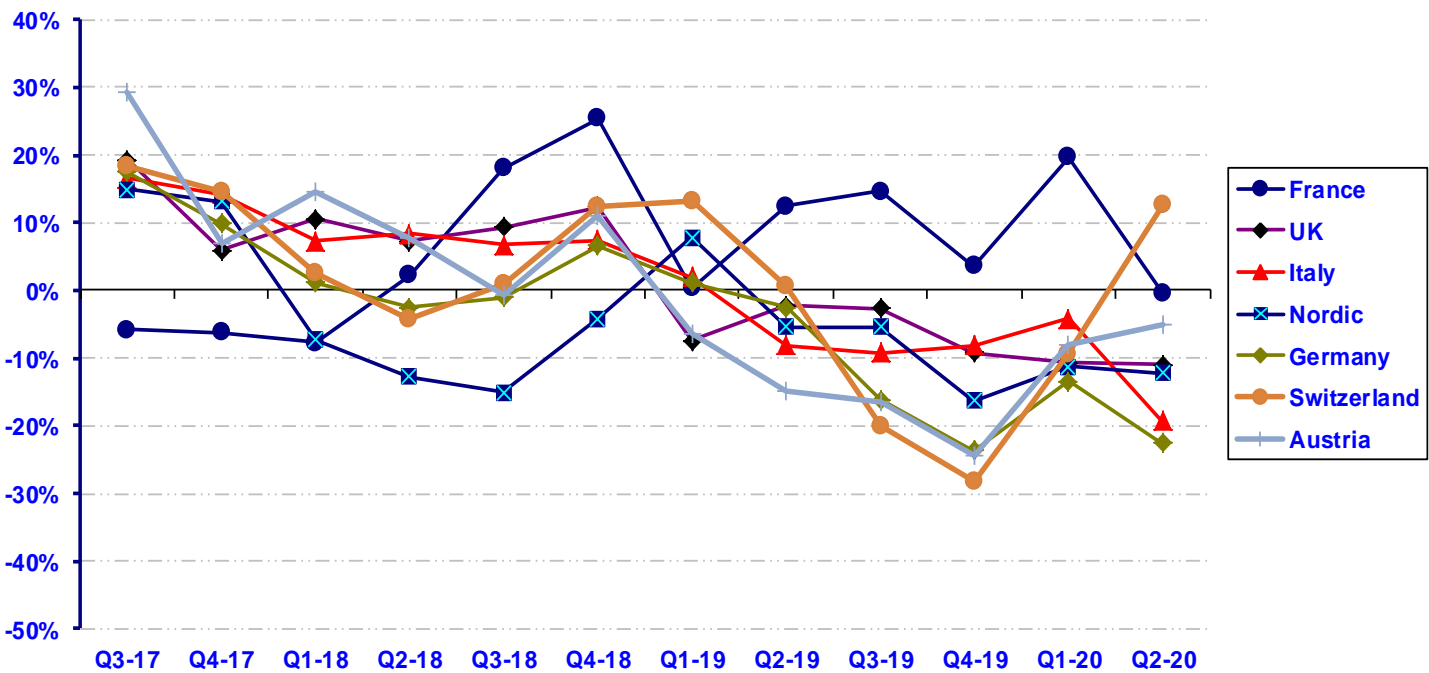


www.ideaelectronics.com

2ND 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.

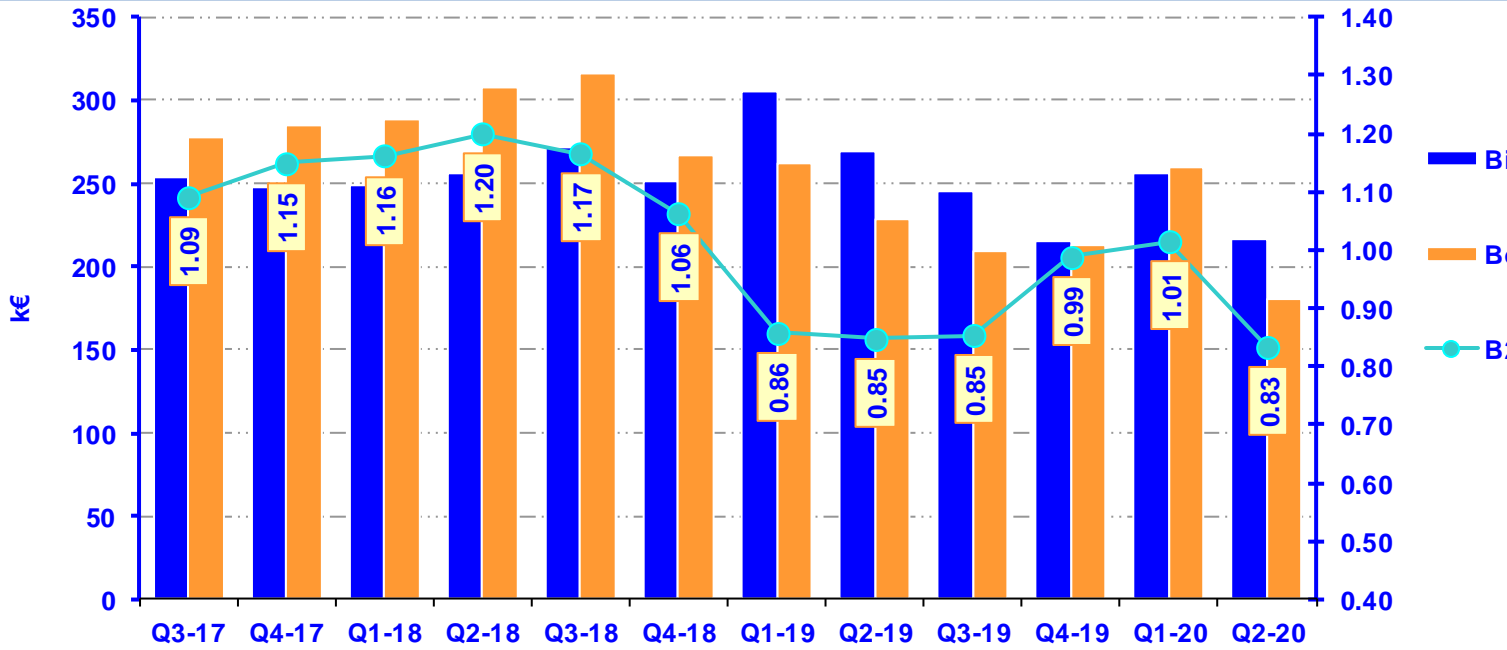


www.ideaelectronics.com

2ND 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

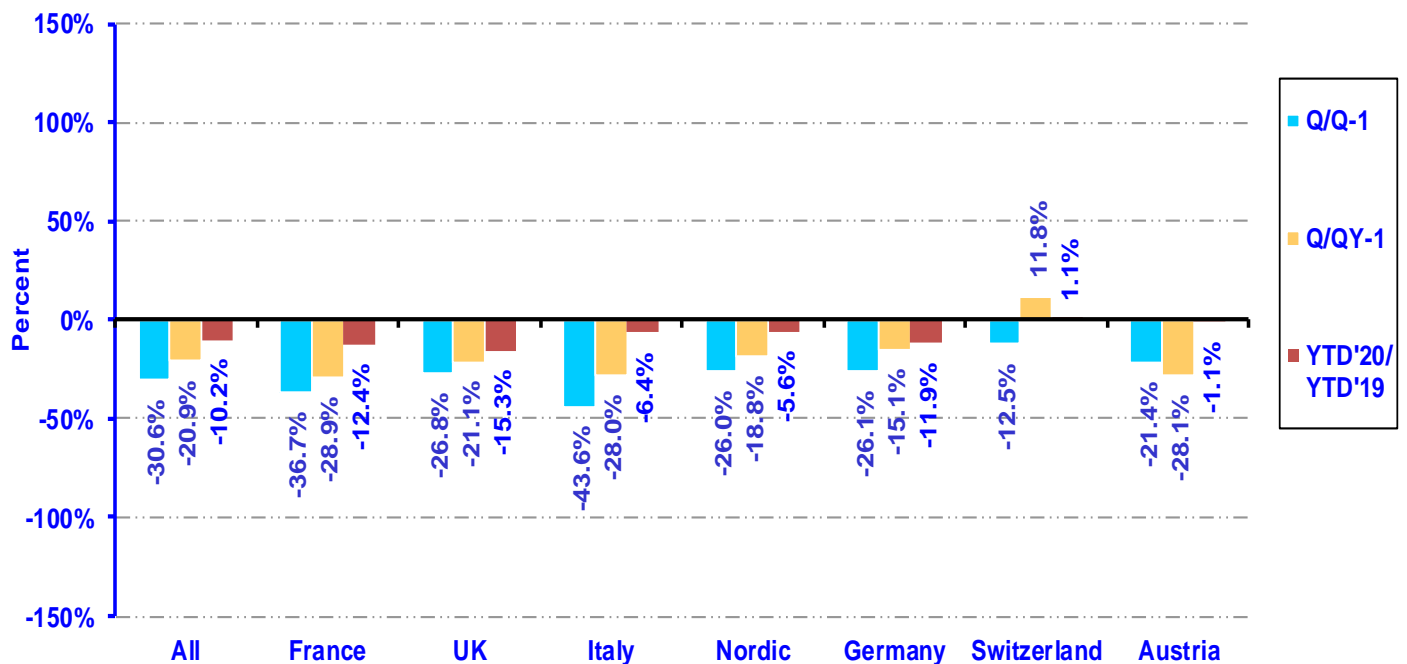


www.ideaelectronics.com

2ND 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)

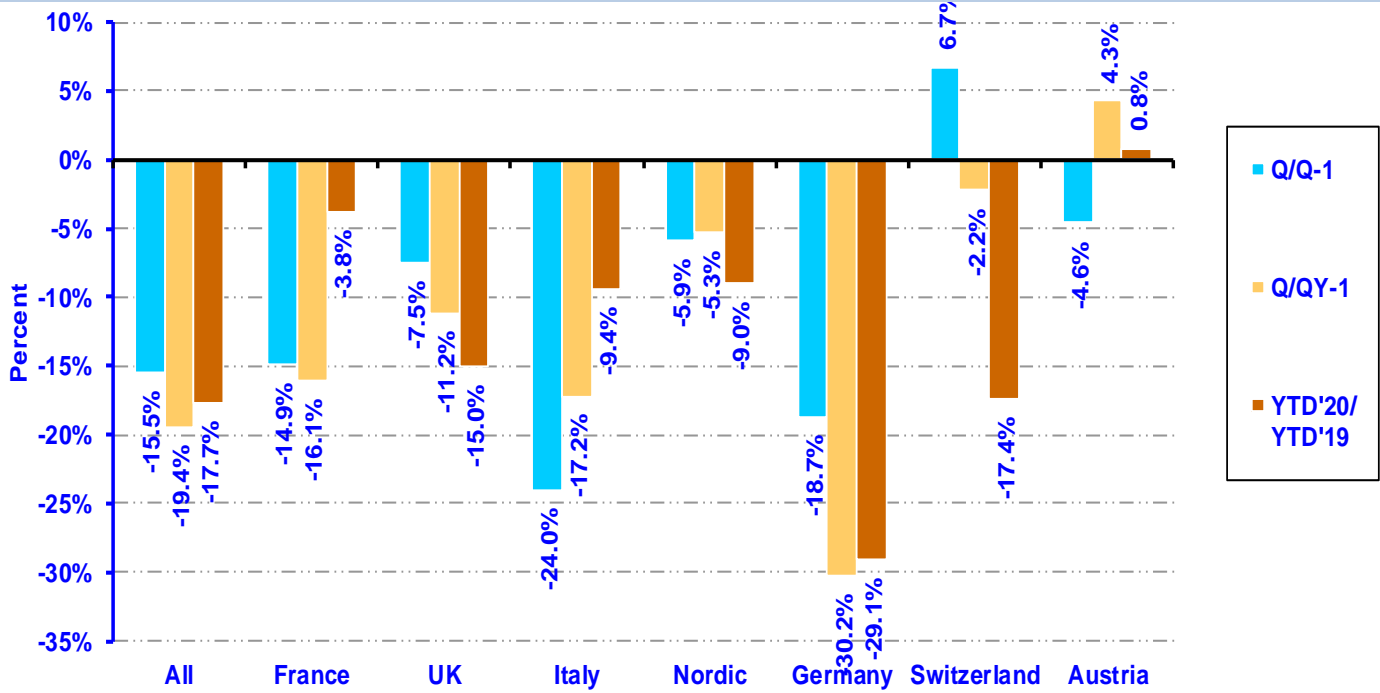


www.ideaelectronics.com

2ND 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)

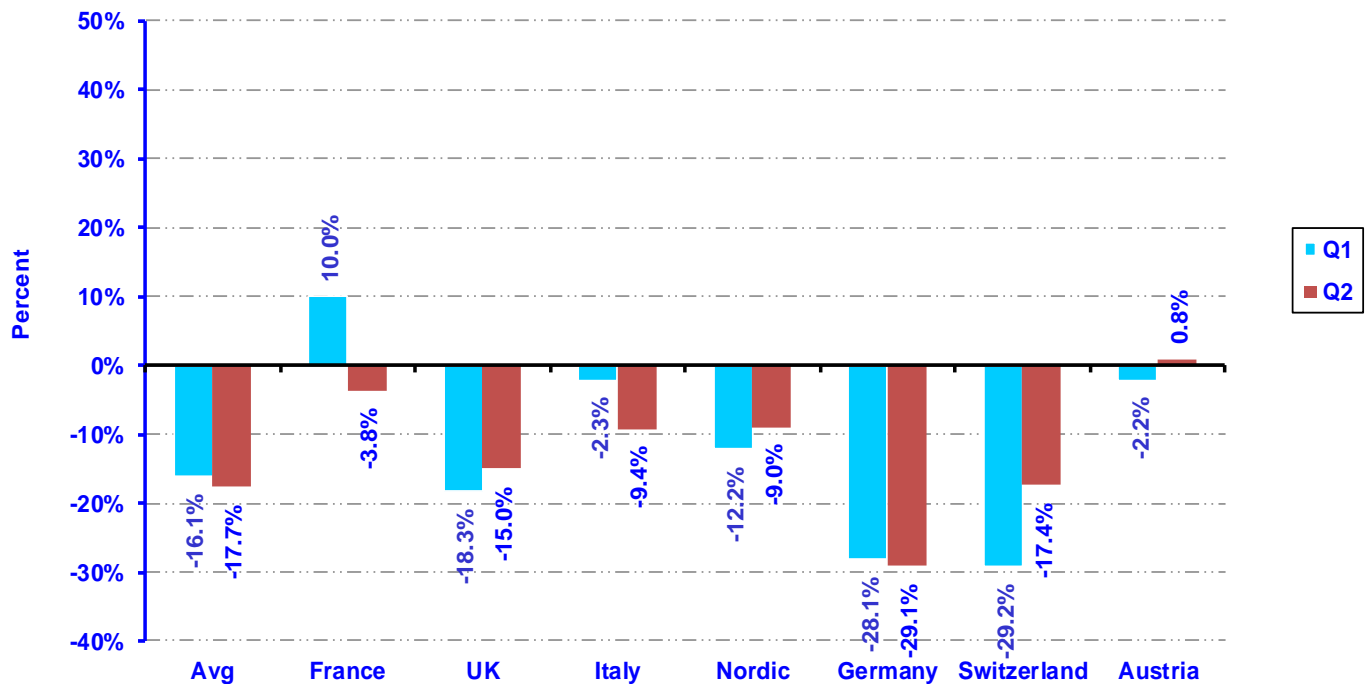


www.idealelectronics.com

2ND 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

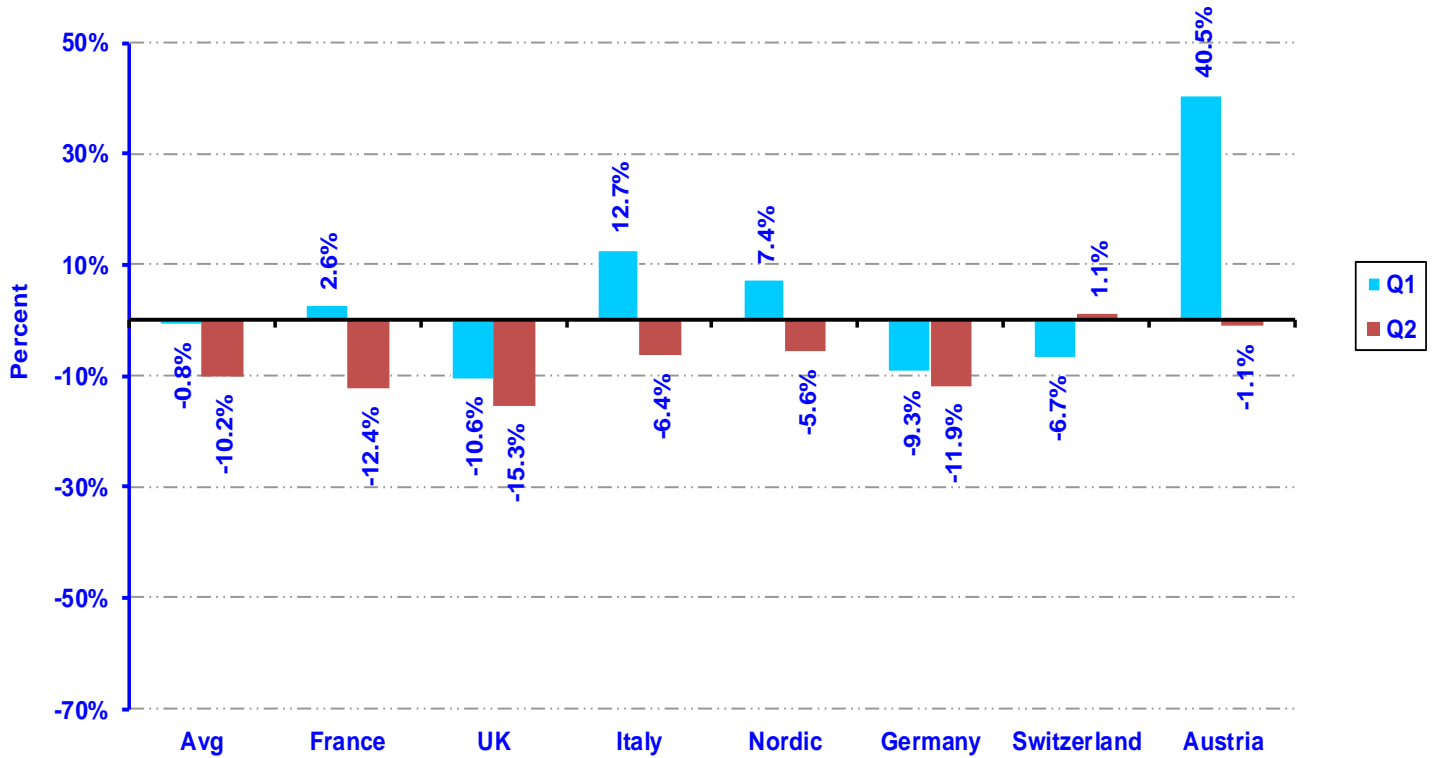


www.idealelectronics.com

2ND 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

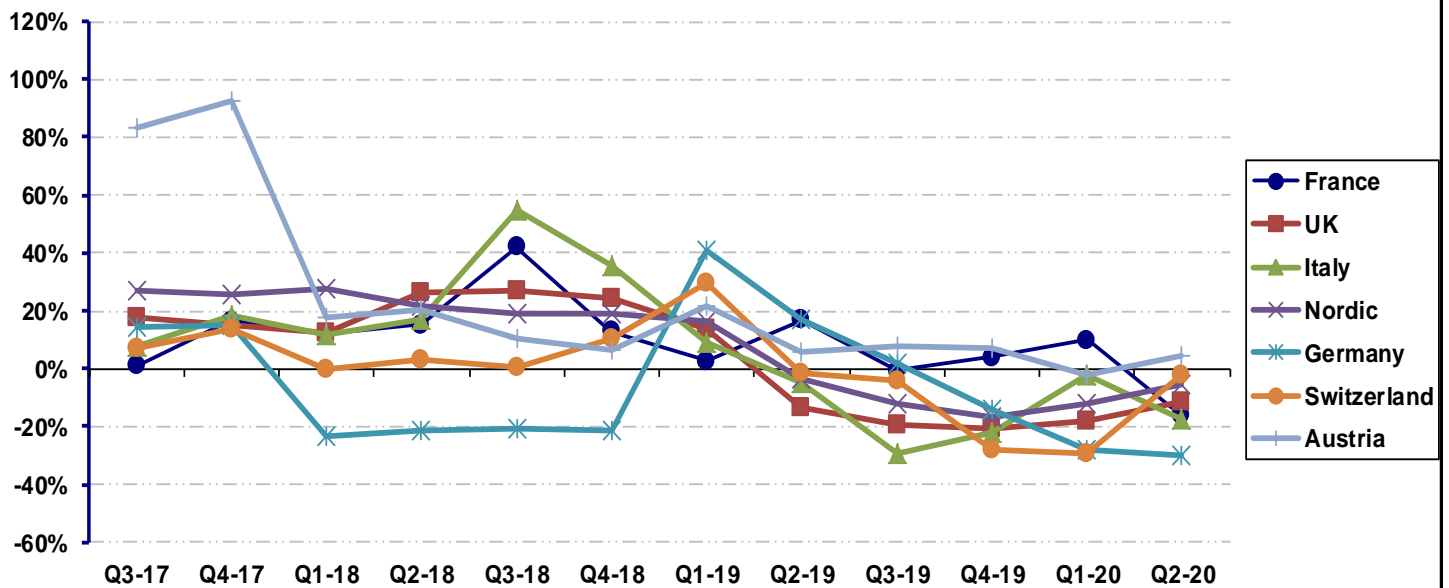


www.ideaelectronics.com

2ND 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.

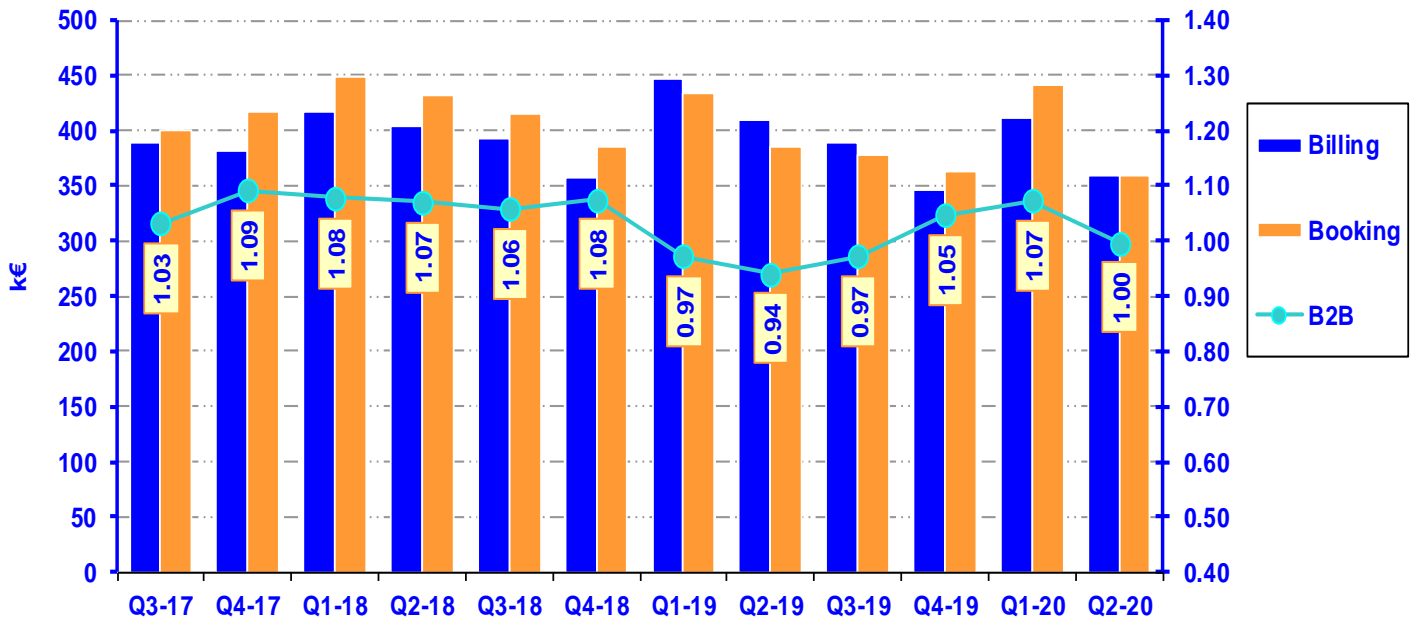


www.ideaelectronics.com

2ND 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

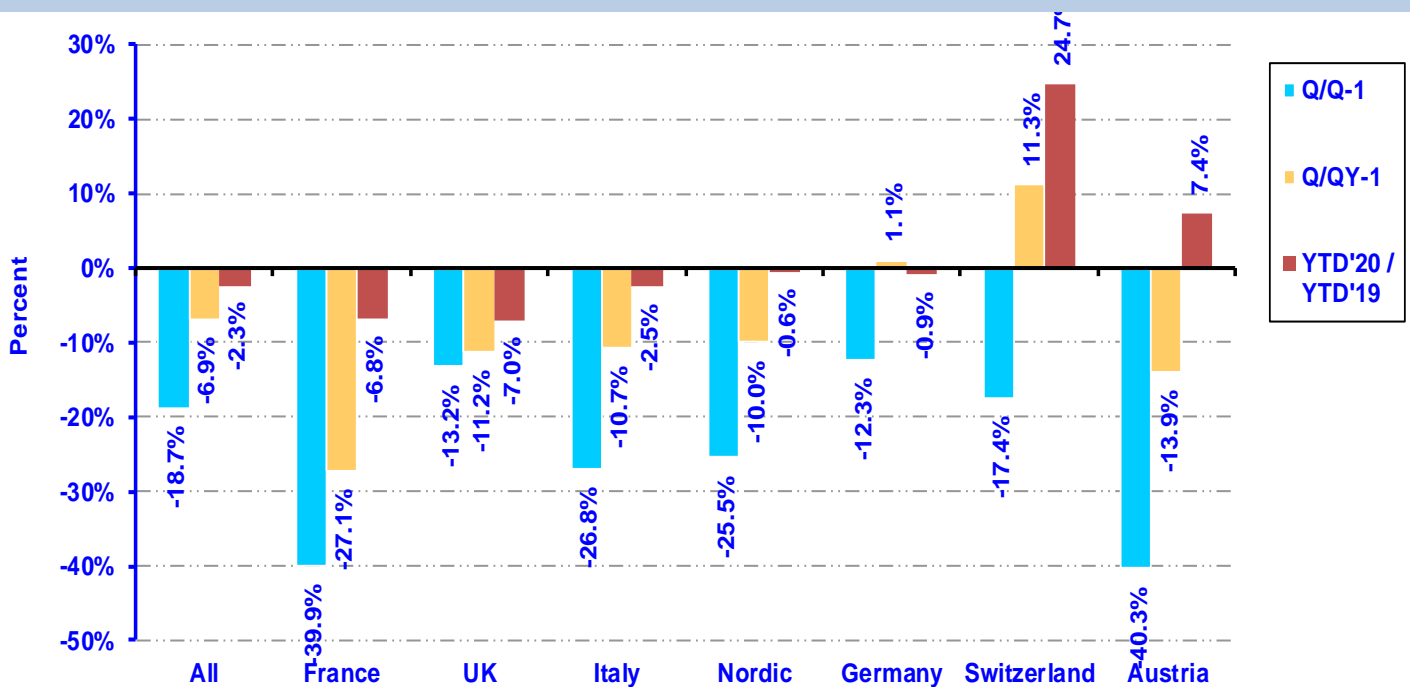


www.ideaelectronics.com

2ND 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)

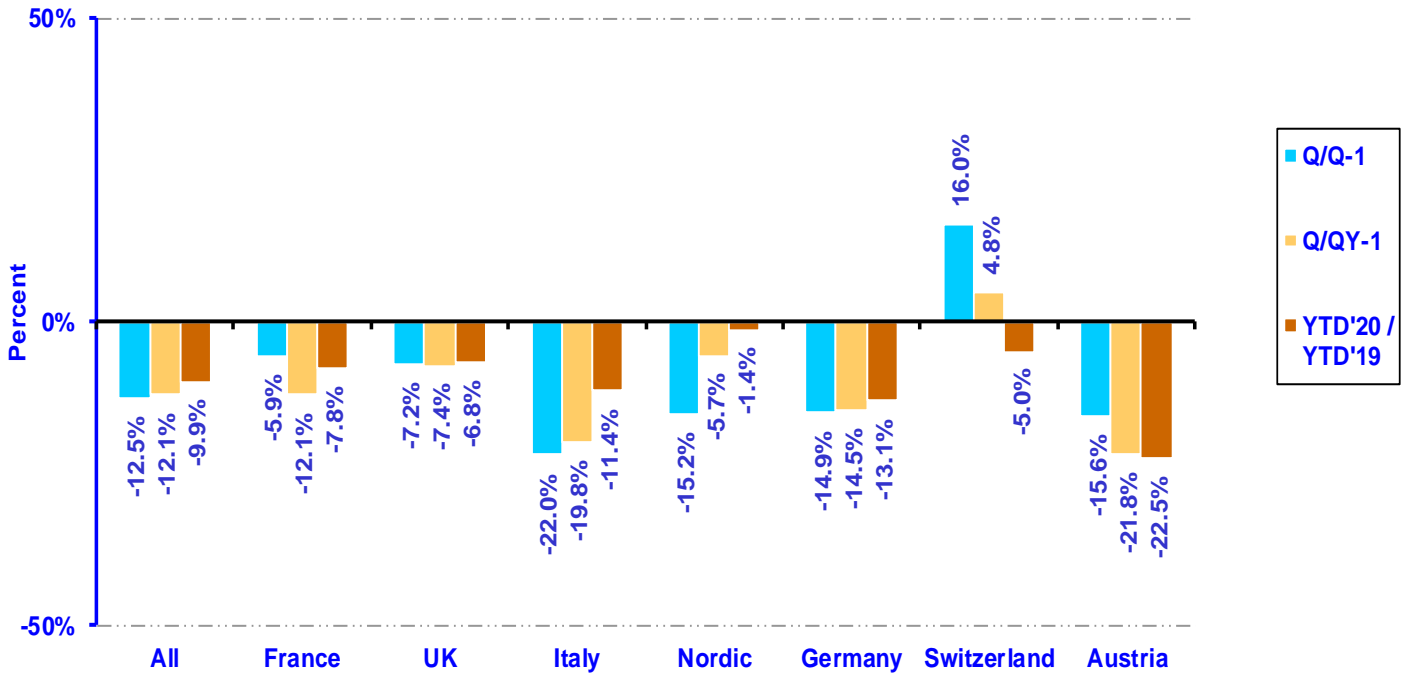


www.ideaelectronics.com

2ND 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

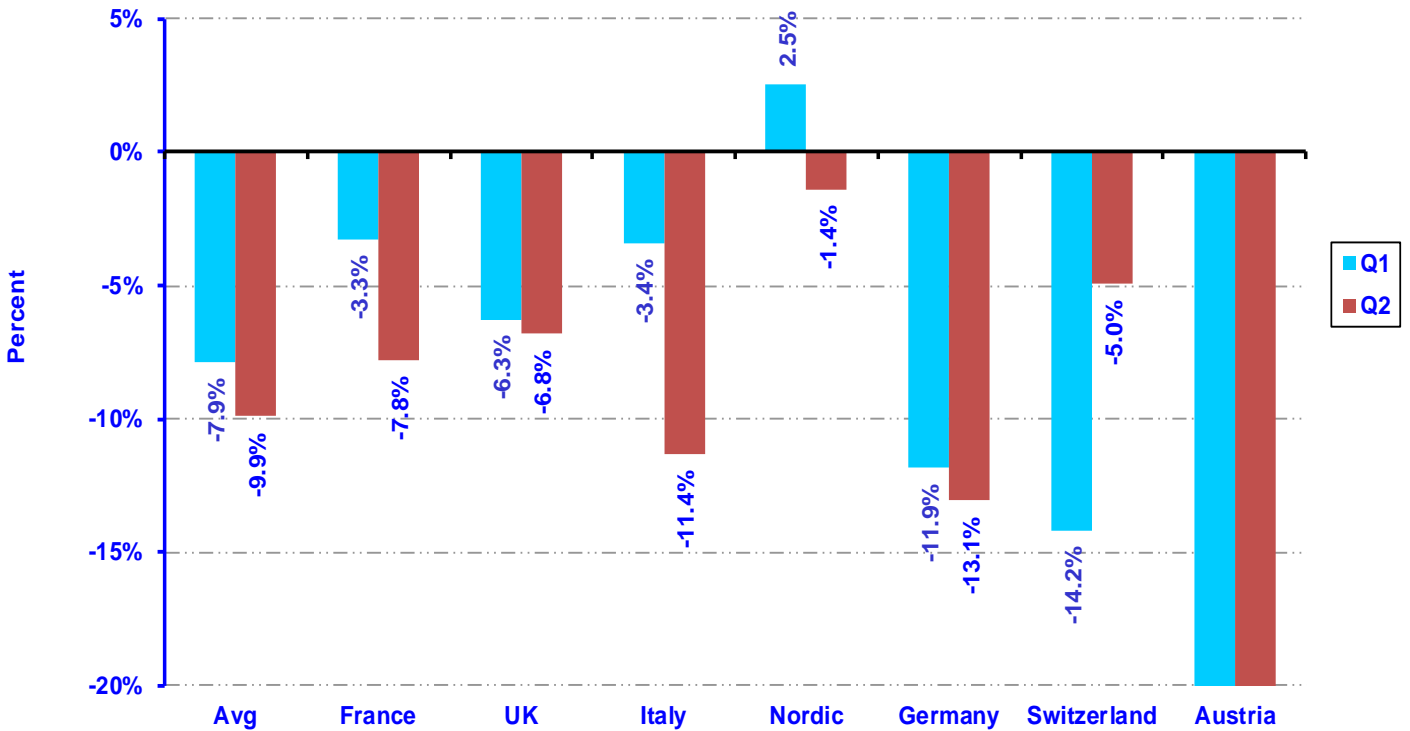


www.ideaelectronics.com

2ND 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

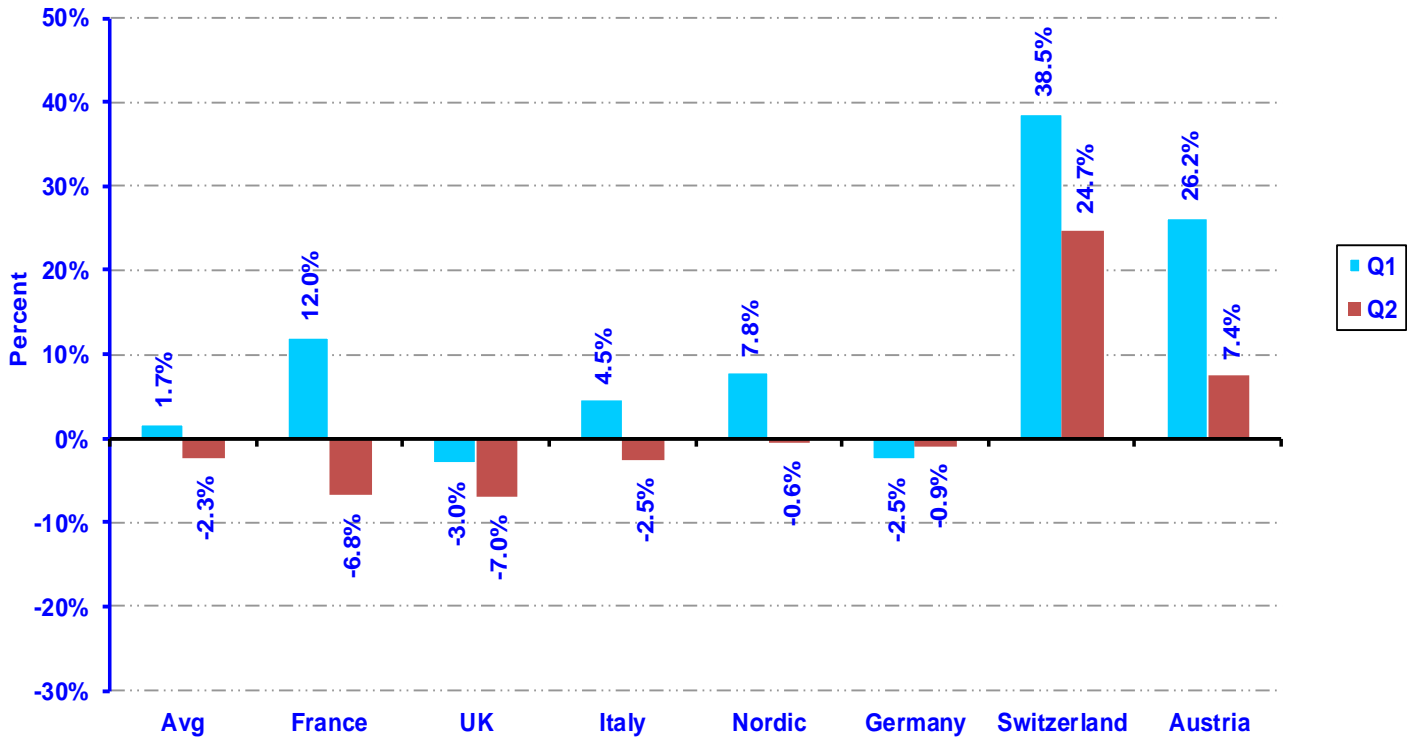


www.ideaelectronics.com

2ND 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

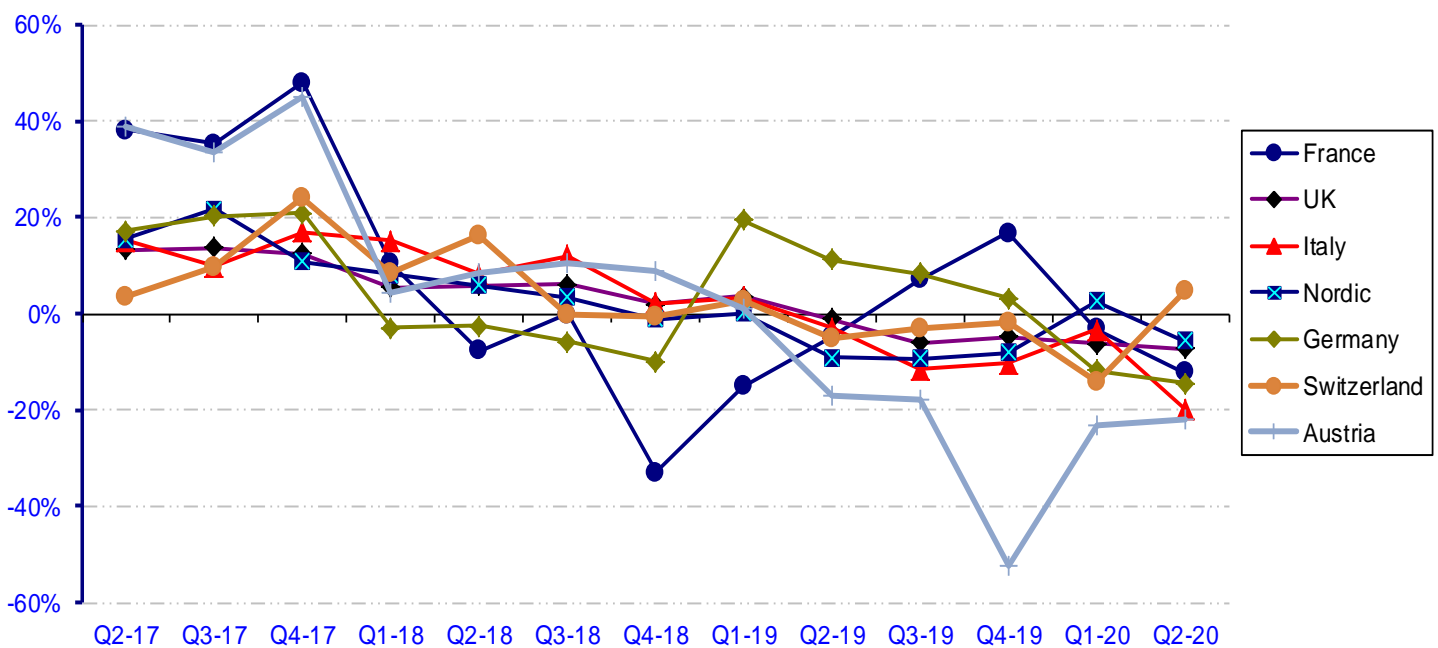


www.ideaelectronics.com

2ND 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.



www.ideaelectronics.com

Data input by Country and Component

Country	Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20	
All	Semis	Bookings	1,463	1,285	1,296	1,144	1,053	1,035	1,344	970	
		Billings	1,373	1,335	1,390	1,319	1,233	1,111	1,273	1,113	
	Passives	Bookings	317	267	262	228	210	212	260	181	
		Billings	272	251	305	269	246	215	256	216	
	Emech/Other	Bookings	416	384	433	385	379	363	441	358	
		Billings	393	358	446	409	390	347	411	359	
	Totals	Bookings	2,195	1,936	1,992	1,758	1,641	1,611	2,045	1,509	
		Billings	2,037	1,944	2,142	1,997	1,868	1,673	1,940	1,689	
	Country	Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
	France	Semis	Bookings	99	107	102	110	114	118	125	88
Billings			109	114	104	117	125	118	125	117	
Passives		Bookings	33	27	32	29	27	29	33	21	
		Billings	30	26	30	33	30	27	33	28	
Emech/Other		Bookings	33	25	32	30	33	32	36	22	
		Billings	36	27	35	36	39	32	34	32	
Totals		Bookings	165	159	167	169	174	179	194	130	
		Billings	176	168	170	187	194	177	192	177	
Country		Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
UK		Semis	Bookings	187	175	181	164	159	137	160	148
	Billings		191	178	178	178	186	162	159	158	
	Passives	Bookings	51	43	45	38	40	40	40	30	
		Billings	50	46	48	41	40	36	39	36	
	Emech/Other	Bookings	108	101	112	107	99	97	109	95	
		Billings	109	100	112	105	102	95	105	97	
	Totals	Bookings	346	320	338	308	299	274	310	273	
		Billings	350	324	337	323	329	293	303	292	
	Country	Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
	Italy	Semis	Bookings	227	167	239	186	179	191	270	132
Billings			208	198	233	220	189	182	224	177	
Passives		Bookings	66	60	49	43	37	48	55	31	
		Billings	58	52	56	50	41	40	54	41	
Emech/Other		Bookings	52	46	53	45	39	45	55	41	
		Billings	47	45	57	53	41	40	55	43	
Totals		Bookings	346	273	341	275	255	284	381	204	
		Billings	313	294	345	323	271	262	333	261	
Country		Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
Nordic		Semis	Bookings	105	113	95	90	77	76	97	80
	Billings		98	106	109	99	93	89	97	87	
	Passives	Bookings	15	15	13	13	11	11	14	10	
		Billings	13	14	15	13	12	11	13	12	
	Emech/Other	Bookings	33	35	37	33	32	36	40	30	
		Billings	36	36	37	35	33	33	38	33	
	Totals	Bookings	152	162	144	136	120	123	151	120	
		Billings	147	156	161	147	137	134	148	132	
	Country	Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
	Germany	Semis	Bookings	714	605	580	508	447	436	574	420
Billings			652	623	650	604	547	476	563	468	
Passives		Bookings	128	99	103	82	78	67	94	69	
		Billings	100	93	132	111	102	80	95	77	
Emech/Other		Bookings	165	153	180	152	156	140	175	154	
		Billings	143	127	182	160	155	131	161	137	
Totals		Bookings	1006	857	863	742	681	643	843	643	
		Billings	895	844	964	875	803	687	818	682	
Country		Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
Switzerland		Semis	Bookings	72	66	59	50	41	40	71	61
	Billings		64	62	66	58	51	45	60	65	
	Passives	Bookings	9	8	8	6	6	5	7	6	
		Billings	7	8	9	7	7	6	7	7	
	Emech/Other	Bookings	11	10	10	10	8	7	14	11	
		Billings	9	9	10	10	9	9	9	10	
	Totals	Bookings	92	84	76	66	56	53	92	79	
		Billings	80	80	86	74	67	60	75	82	
	Country	Category	Activity	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
	Austria	Semis	Bookings	59	53	41	36	36	36	46	40
Billings			51	53	50	43	43	40	46	41	
Passives		Bookings	16	15	12	18	10	13	16	13	
		Billings	13	13	15	14	14	14	15	14	
Emech/Other		Bookings	14	13	10	8	10	6	12	7	
		Billings	13	13	13	11	10	6	10	8	
Totals		Bookings	88	81	62	63	56	55	75	60	
		Billings	77	78	78	68	67	60	71	64	