



# Q2-2019 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 2018 Local currency/€ conversion rates. The 2018 average rates are: UK Pound/€0.8850, Danish Krona/€7.4550, Norwegian Krona/€9.6070, Swedish Krona/€10.2630.

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	<b>Total electronic component Booking, billing &amp; Book:bill ratio</b> ( Total distribution electronic component booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
4	T2	<b>Total electronic component bookings trend</b> ( Distribution orders for electronic components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
5	T3	<b>Total electronic component billings trend</b> ( Distribution sales of electronic components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
5	T4	<b>Total electronic component year-to-date billings trend</b> (Cumulative sales of electronic components via distribution by country for current year-to-date compared with the same period prior year)
6	T5	<b>Total electronic component year-to-date booking trend</b> (Cumulative orders for electronic components via distribution by country for current year-to-date compared with the same period prior year)
6	T6	<b>Total electronic component tendential index by country</b> ( Trend showing growth/decline % in quarterly sales of all electronic components by country compared with the same quarter prior year)
7	S1	<b>Semiconductor Booking, billing &amp; Book:bill ratio</b> ( Semiconductor booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
7	S2	<b>Semiconductor bookings trend</b> ( Distribution orders for semiconductors by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
8	S3	<b>Semiconductor billings trend</b> ( Distribution sales of semiconductors by country comparing current quarter with both prior quarter and same quarter prior year and YTD)
8	S4	<b>Semiconductor year-to-date billings trend</b> (Cumulative sales of semiconductors via distribution by country for current year-to-date compared with the same period prior year)
9	S5	<b>Semiconductor year-to-date booking trend</b> (Cumulative orders for semiconductors via distribution by country for current year-to-date compared with the same period prior year)
9	S6	<b>Semiconductor tendential index by country</b> ( Trend showing growth/decline % in quarterly sales of semiconductors by country compared with the same quarter prior year)
10	P1	<b>Passive component Booking, billing &amp; Book:bill ratio</b> ( Passives component booking, billing and book:bill ratio for Germany, France, Italy, UK, Sweden, Denmark, Finland, Switzerland and Austria)
10	P2	<b>Passive component bookings trend</b> ( Distribution orders for passive components by country comparing current quarter with both prior quarter and same quarter prior year and YTD)

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

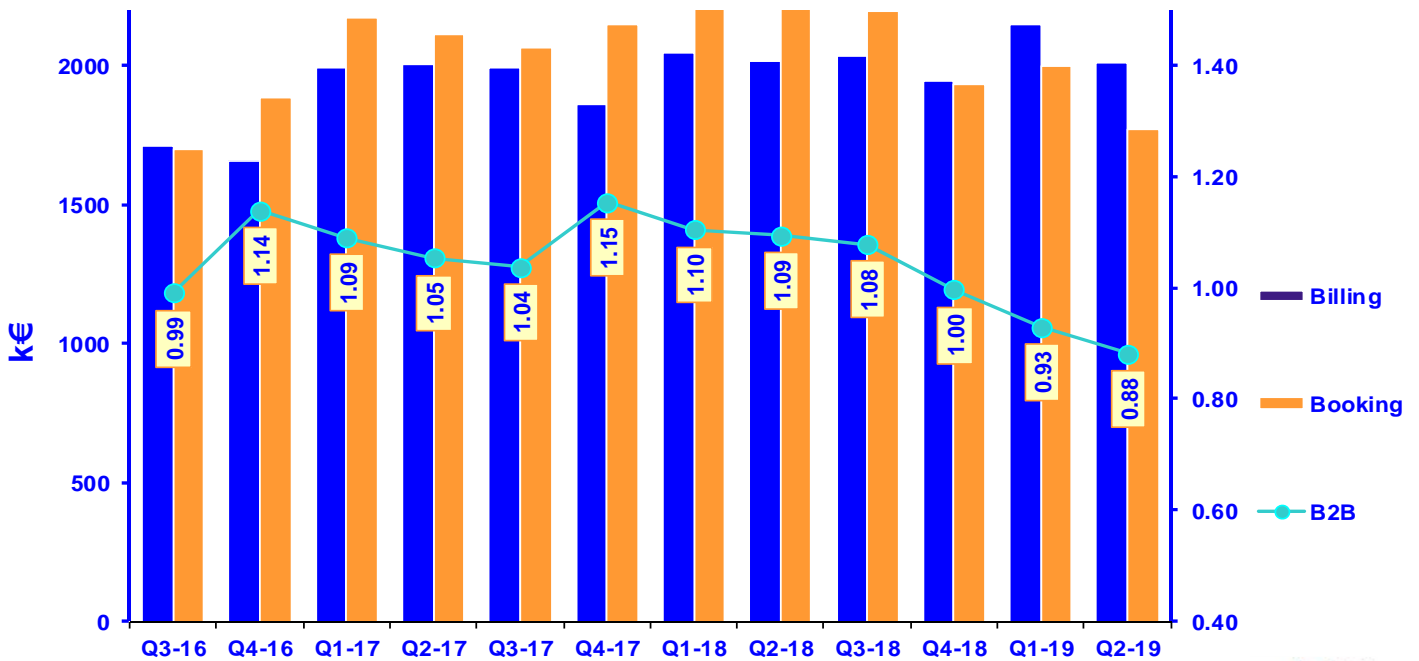
[segreteria@ideaelectronics.com](mailto:segreteria@ideaelectronics.com)

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

2ND 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



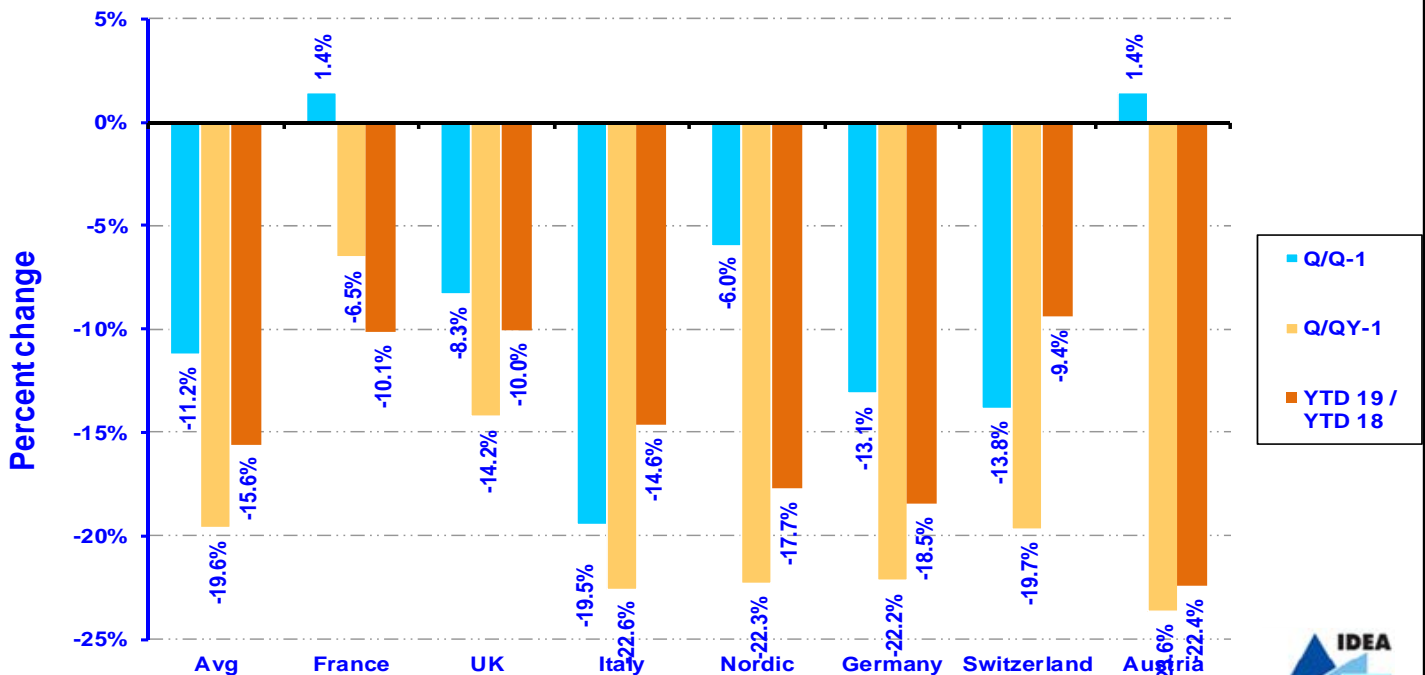
www.ideaelectronics.com



2ND 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



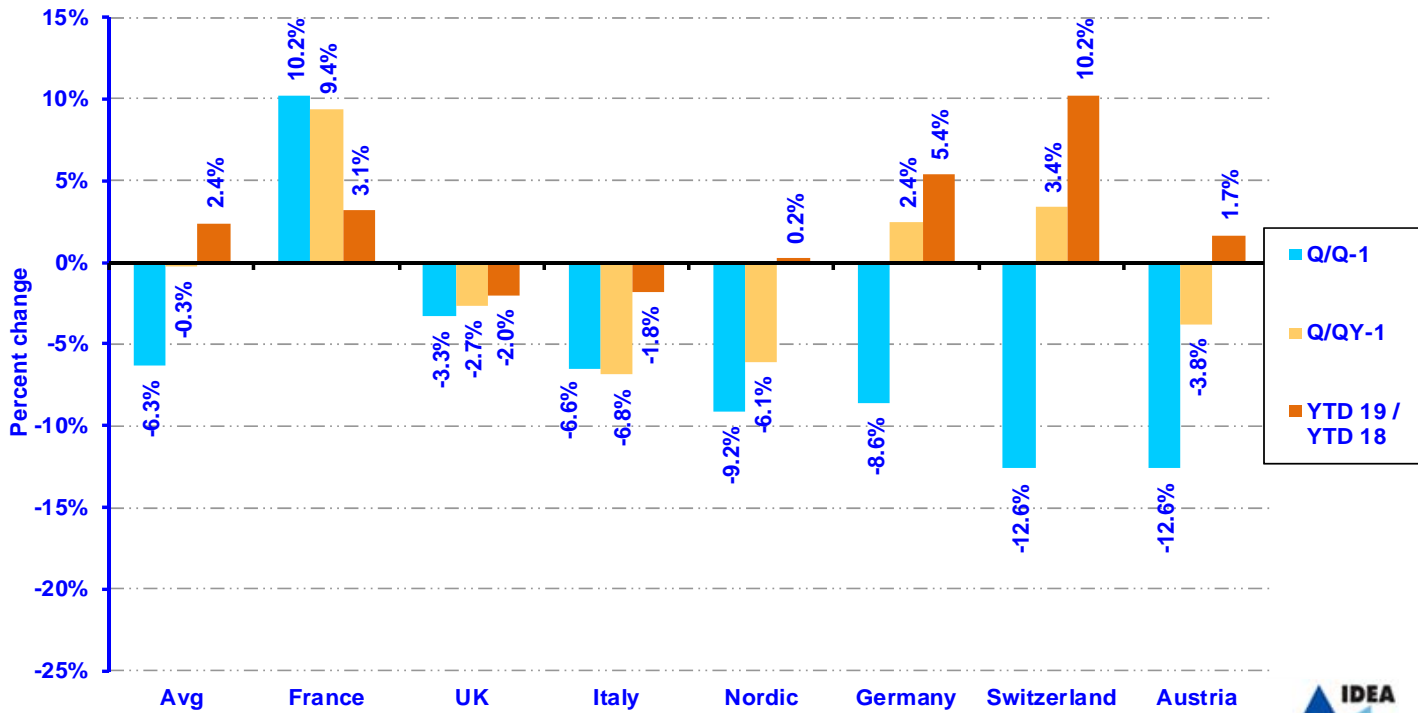
www.ideaelectronics.com



## 2ND 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



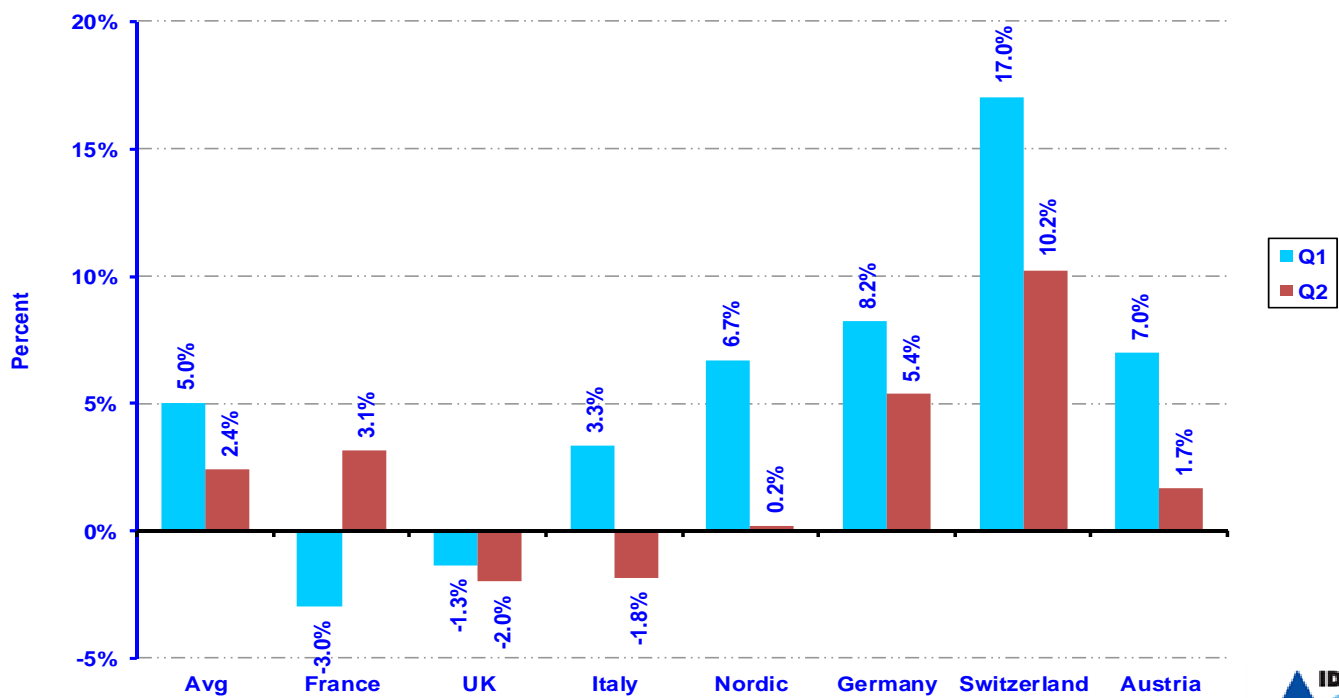
www.ideaelectronics.com



## 2ND 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



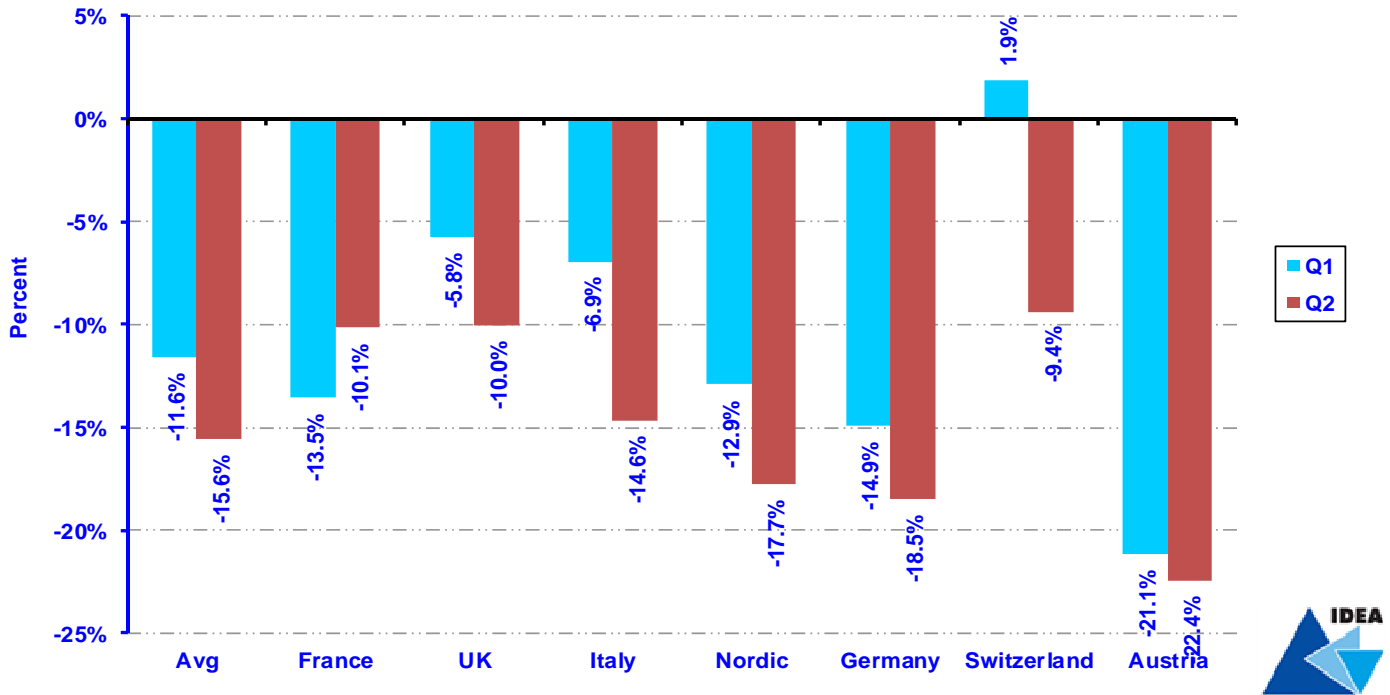
www.ideaelectronics.com



2ND 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

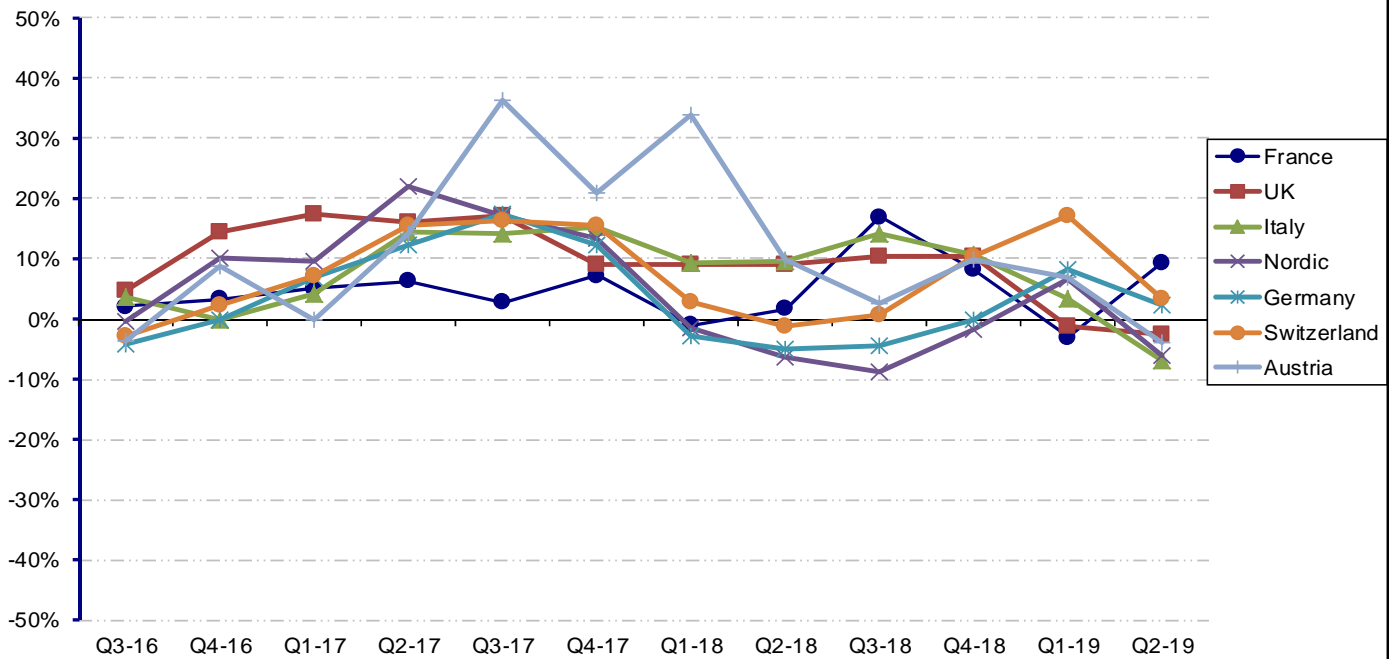


www.ideaelectronics.com



2ND 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

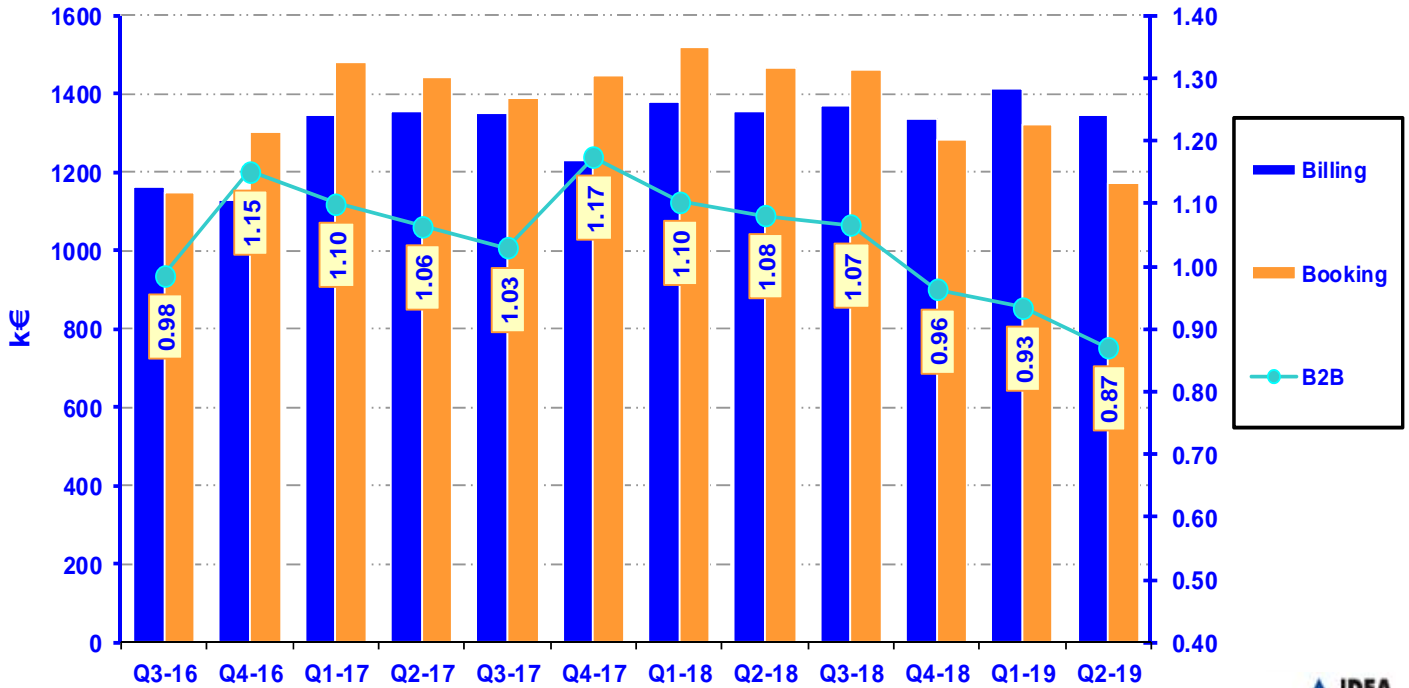


www.ideaelectronics.com



2ND 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

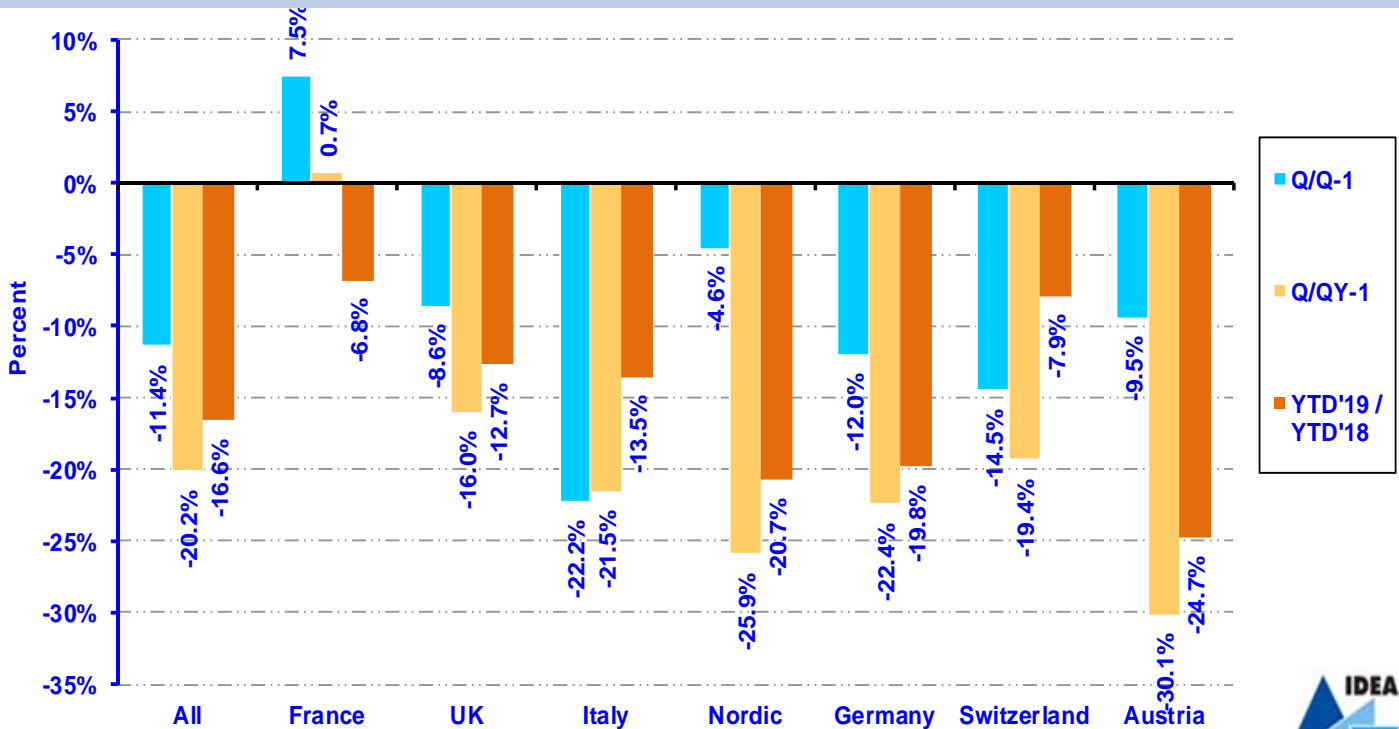


www.ideaelectronics.com



2ND 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



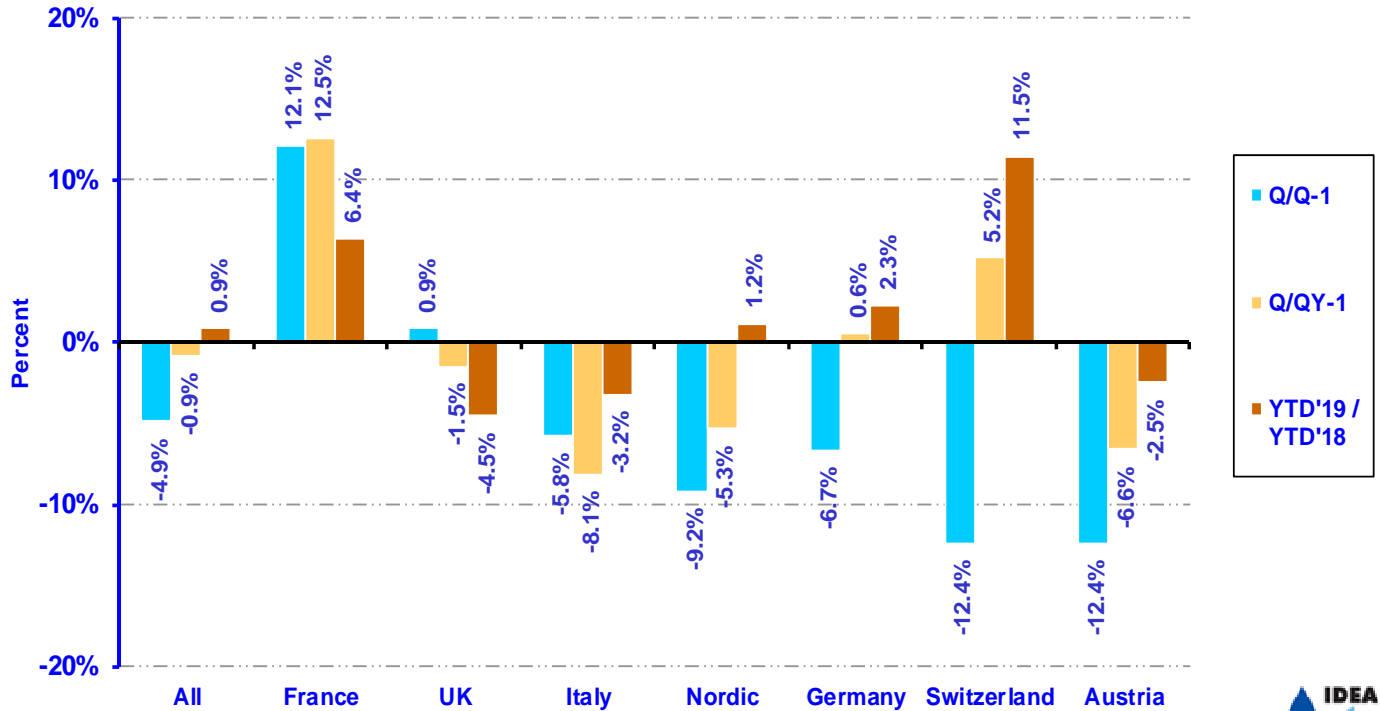
www.ideaelectronics.com



2ND 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



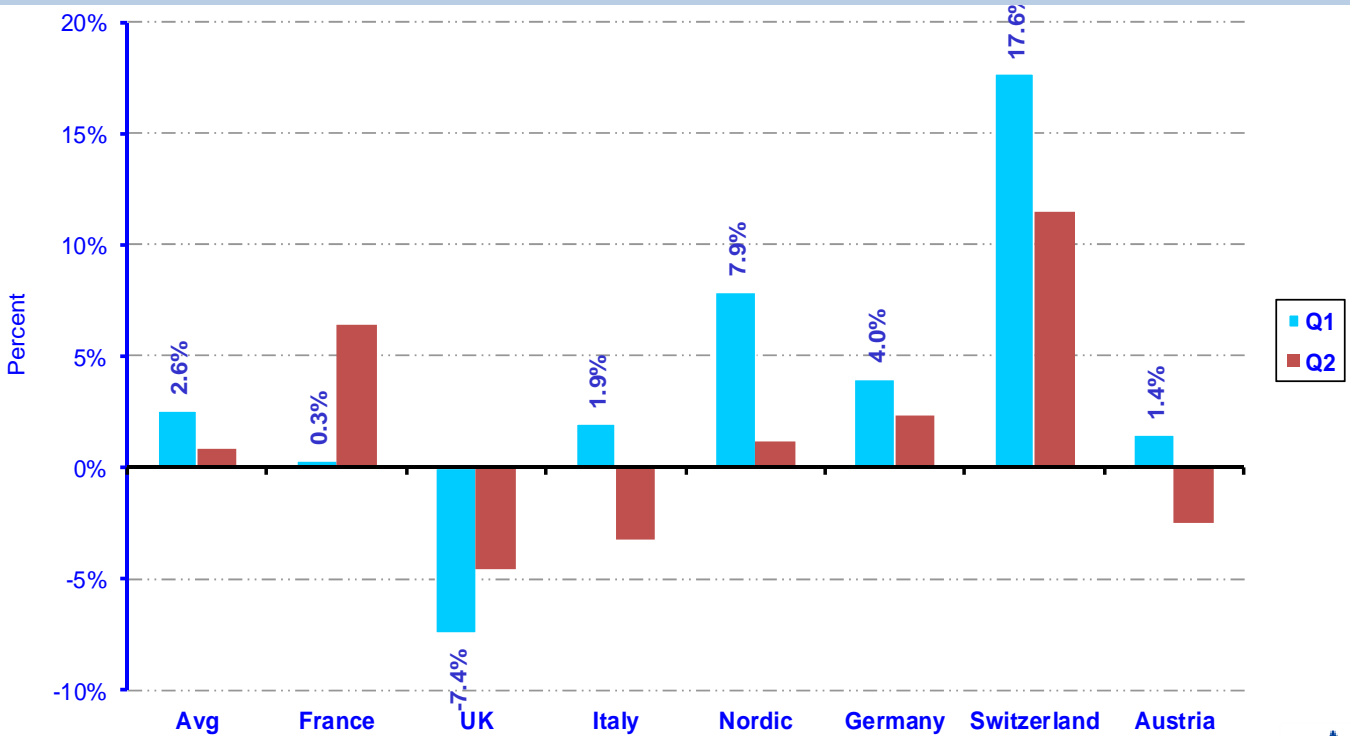
www.ideaelectronics.com



2ND 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



www.ideaelectronics.com

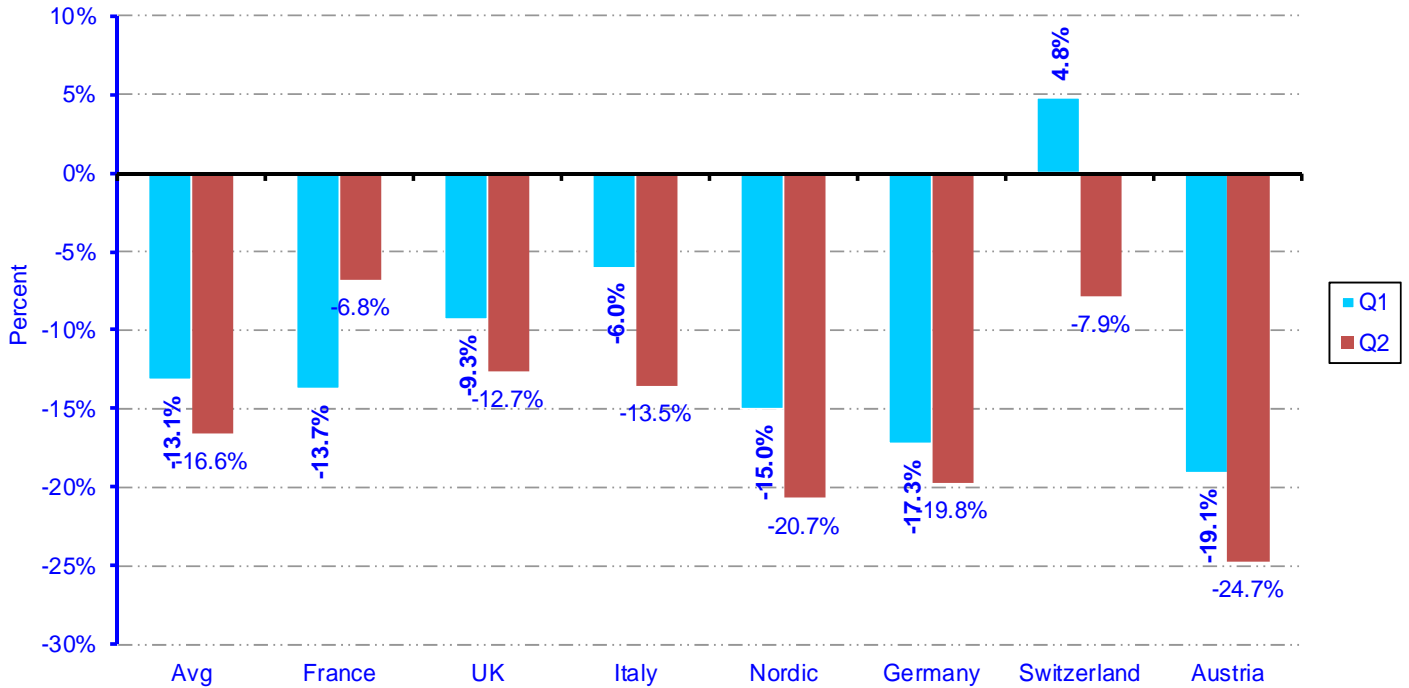




## 2ND QTR. 2019 SEMICONDUCTOR YTD BOOKING TREND

Graphic S5

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



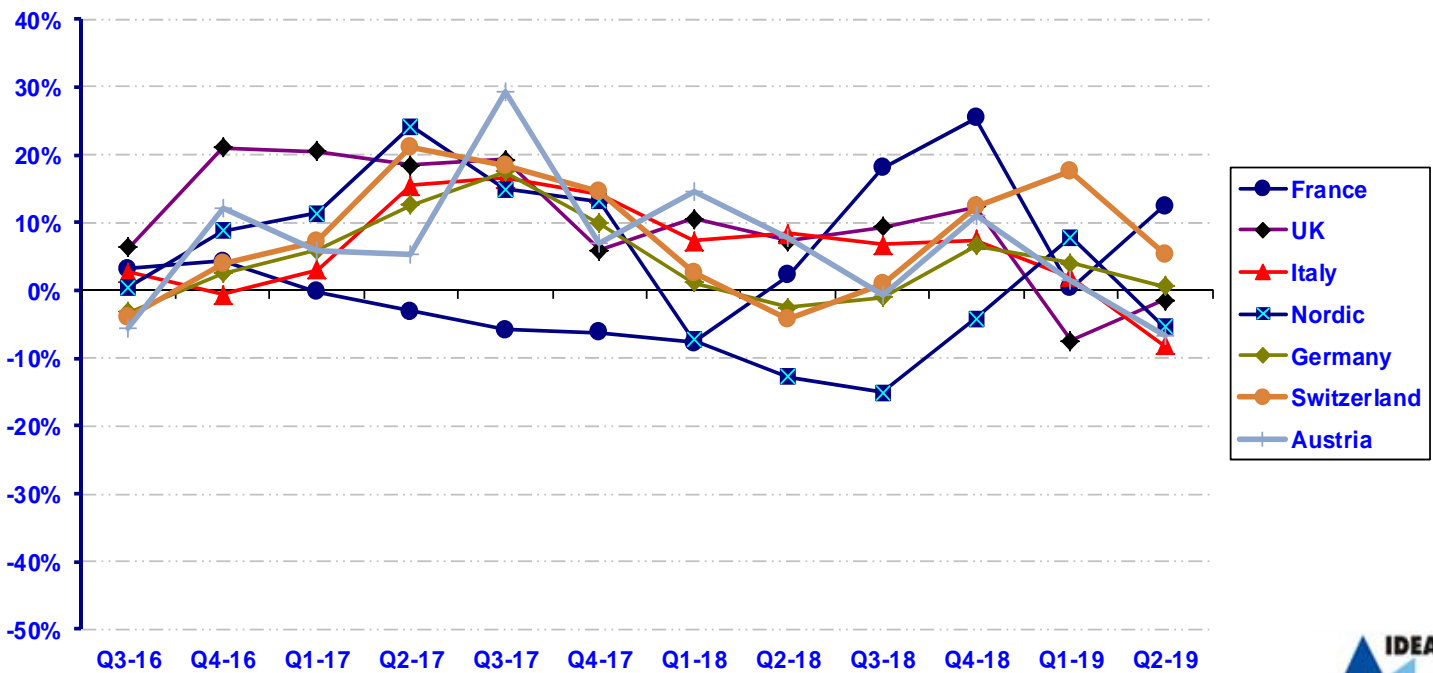
www.ideaelectronics.com



## 2ND 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.



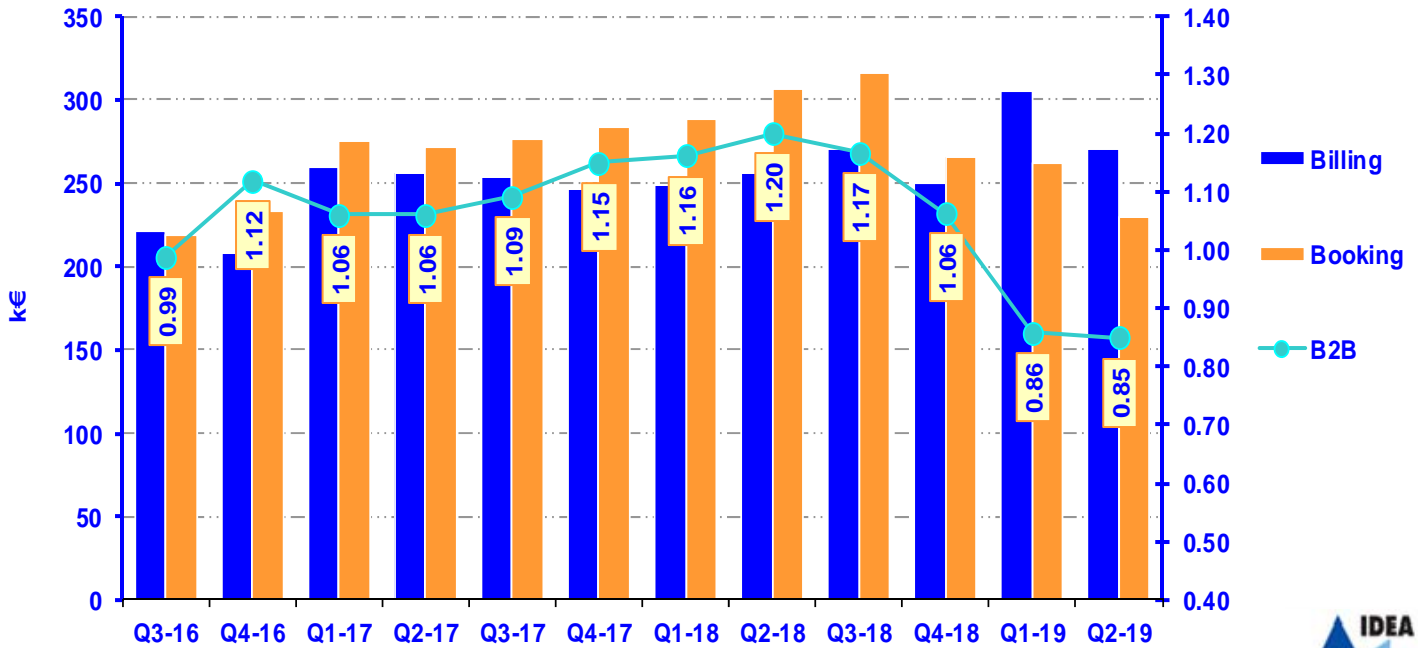
www.ideaelectronics.com



## 2ND 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



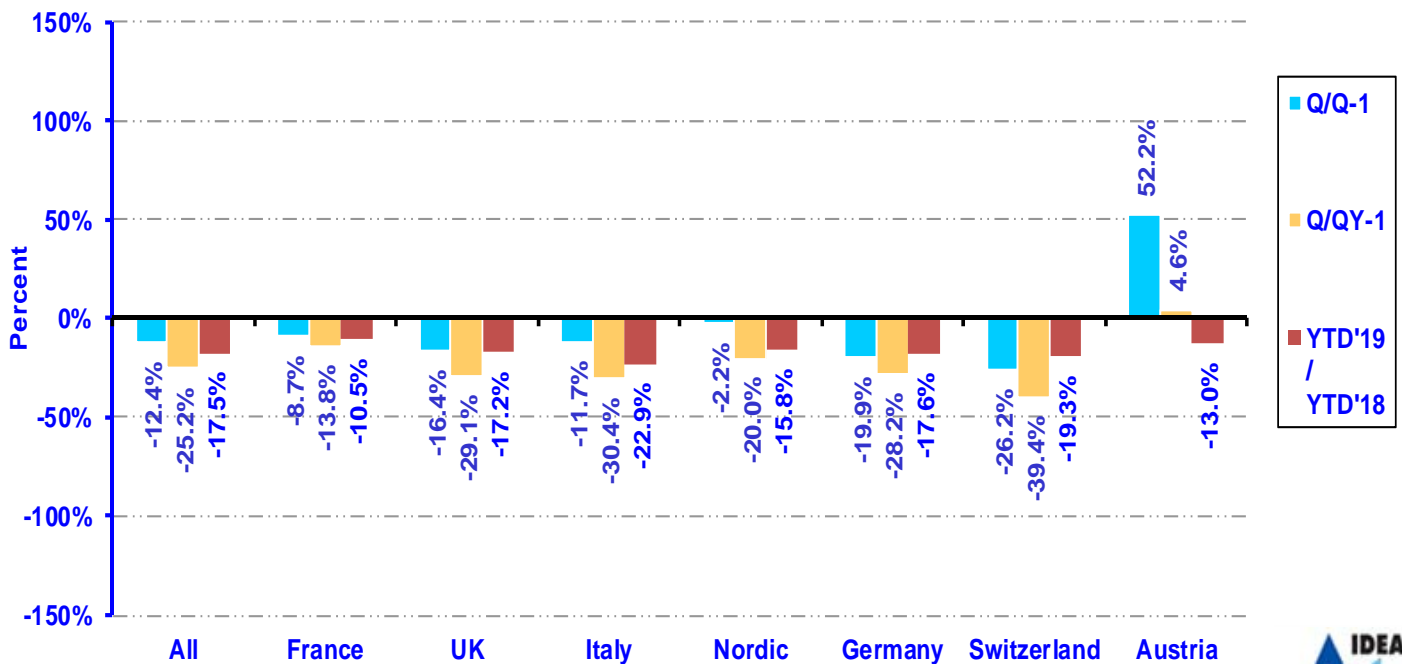
www.ideaelectronics.com



## 2ND 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)



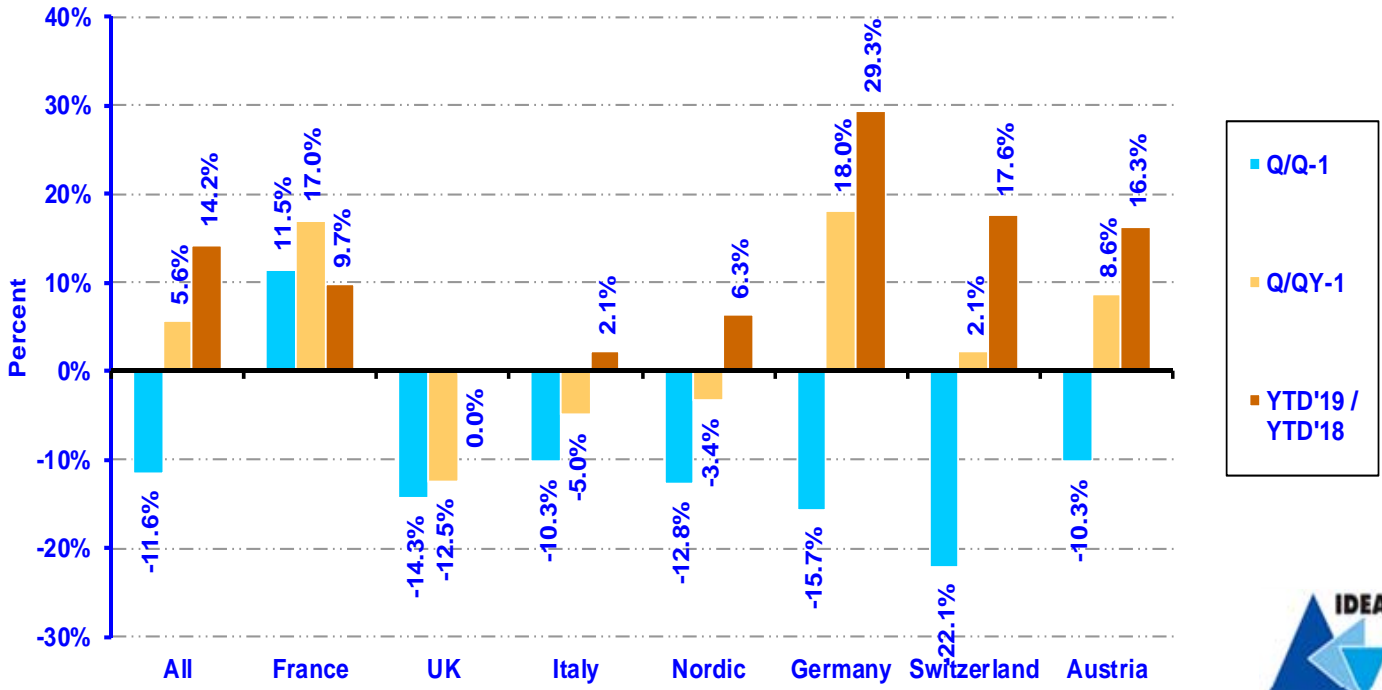
www.ideaelectronics.com



2ND 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)



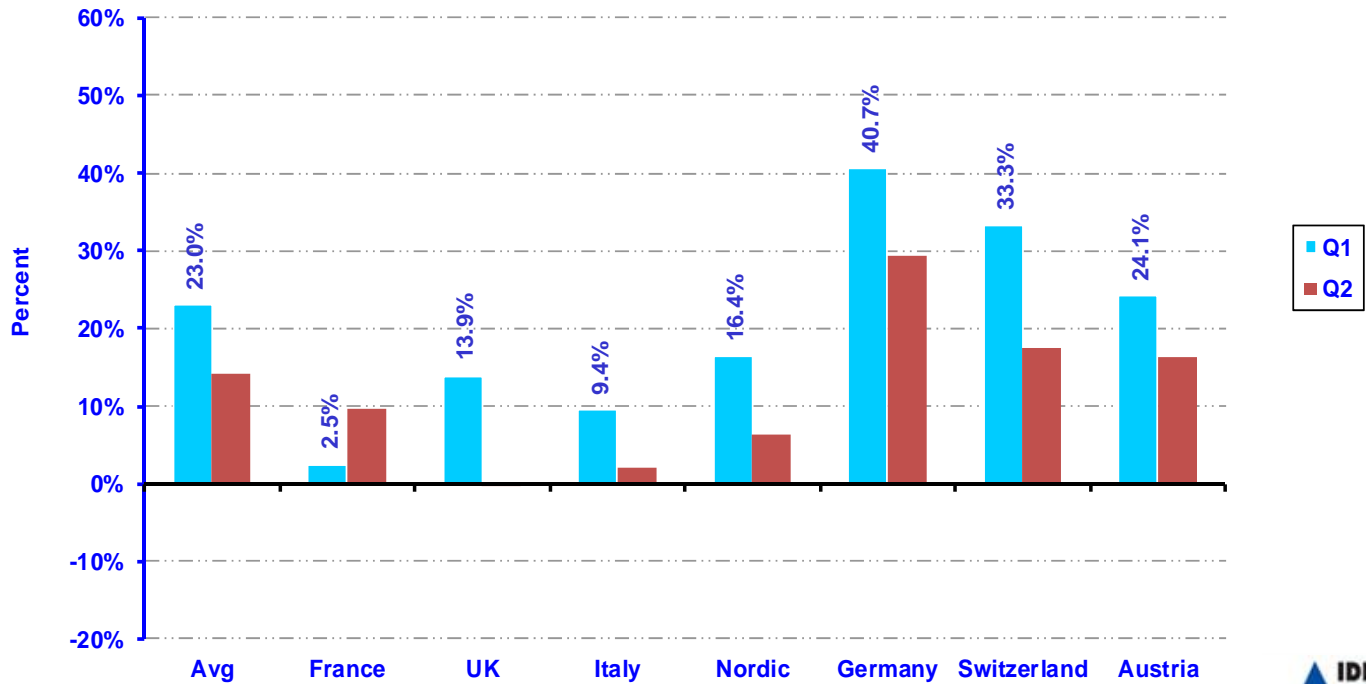
www.ideaelectronics.com



2ND 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



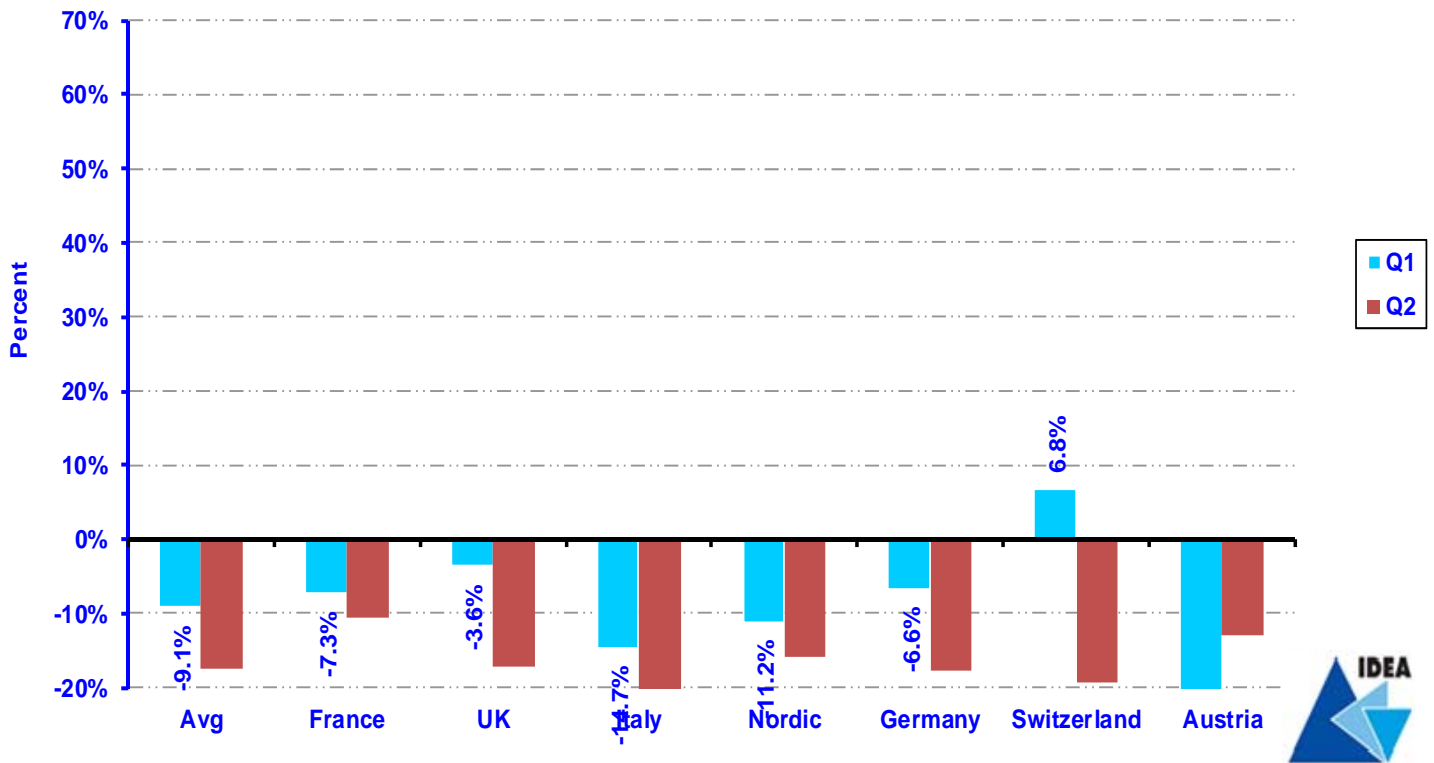
www.ideaelectronics.com



## 2ND 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



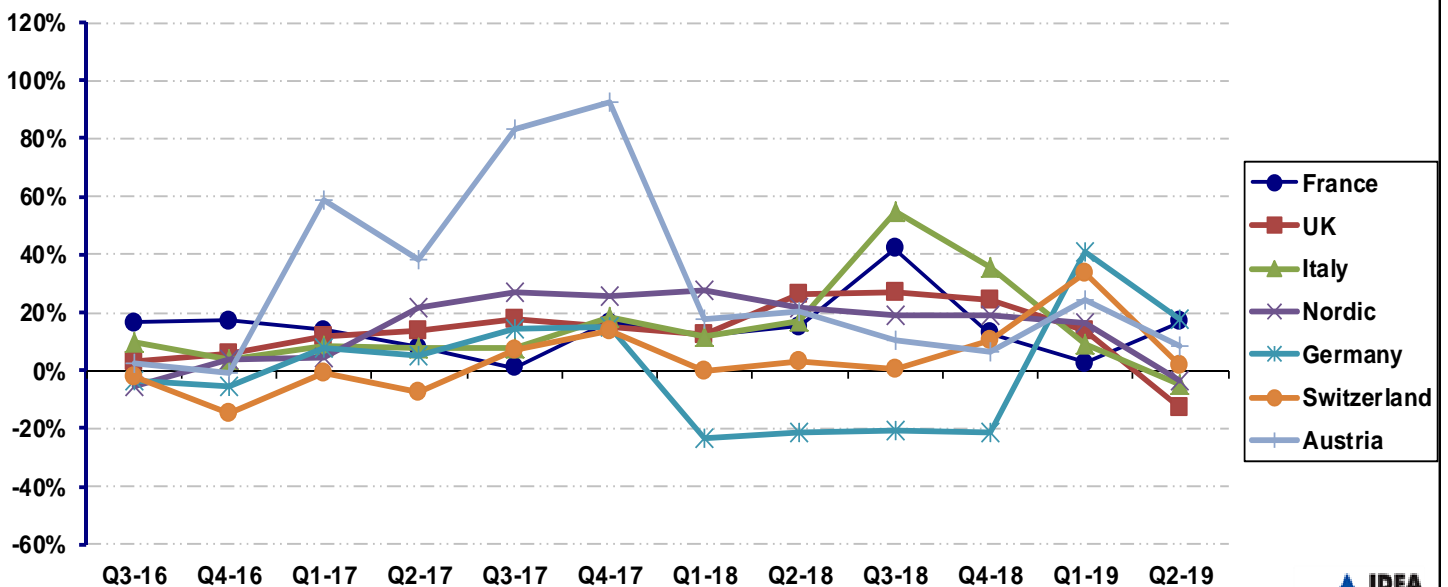
www.ideaelectronics.com



## 2ND 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.



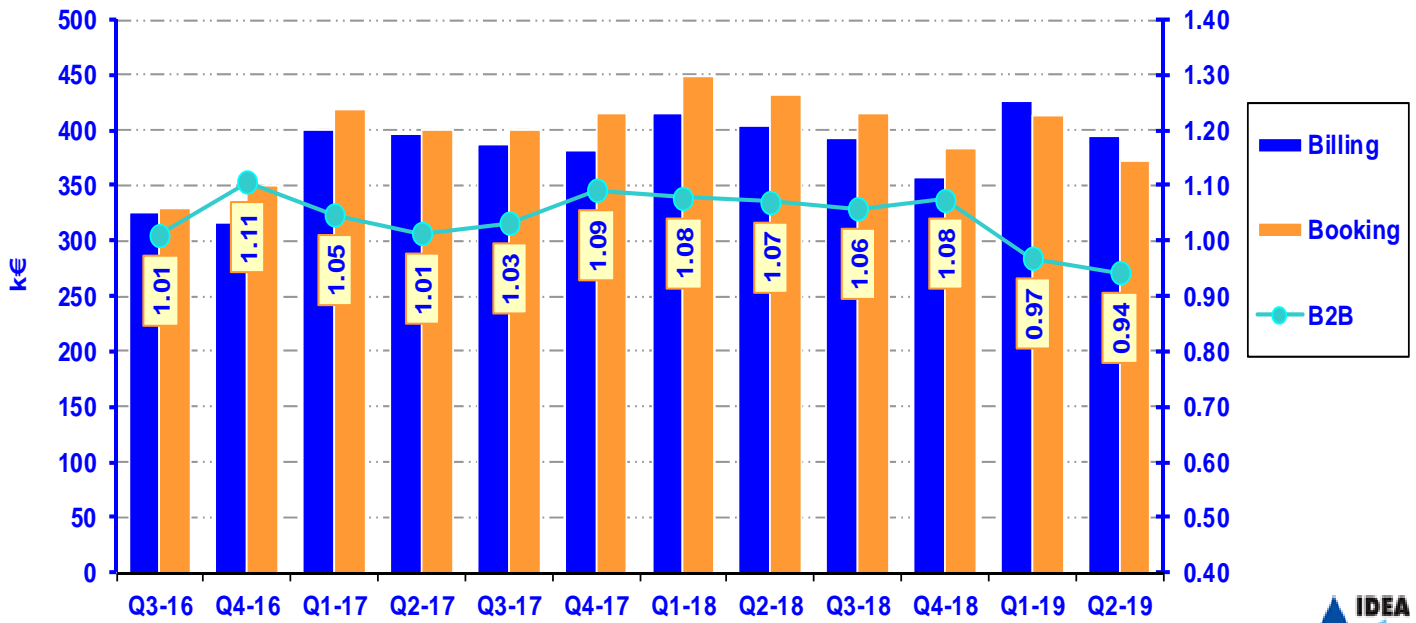
www.ideaelectronics.com



2ND 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



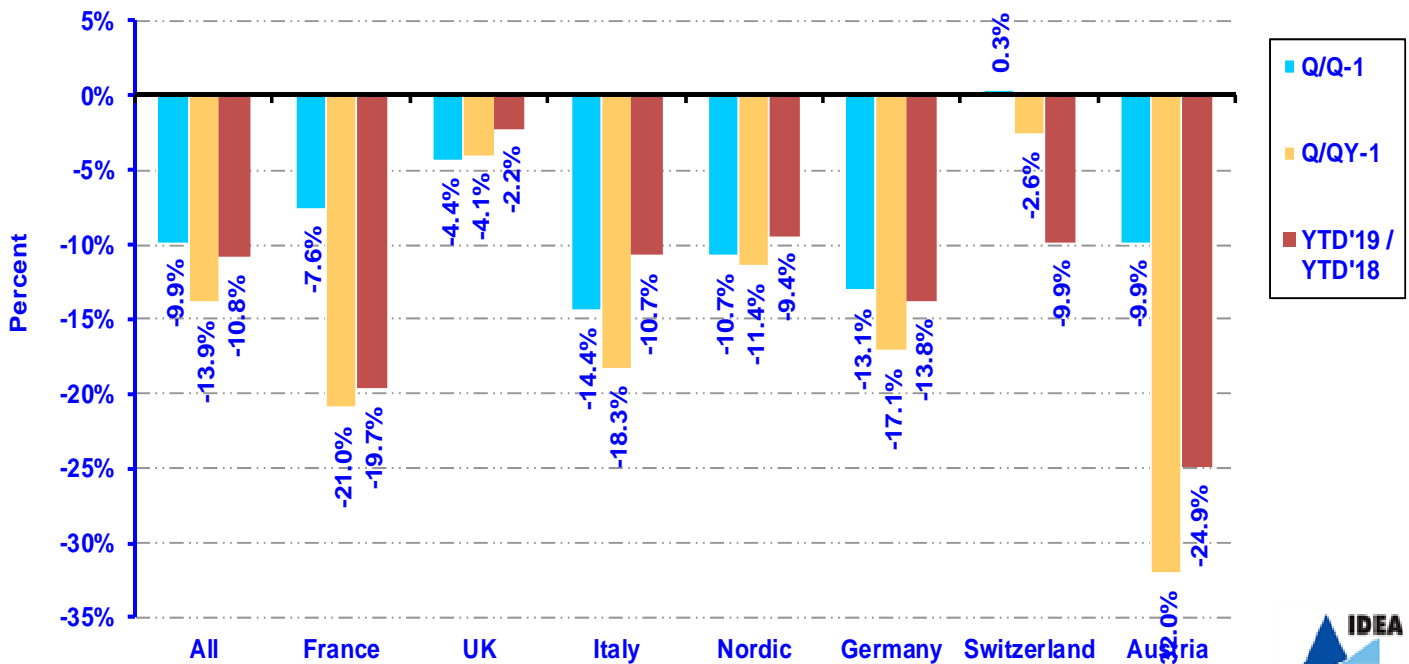
www.ideaelectronics.com



2ND 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)



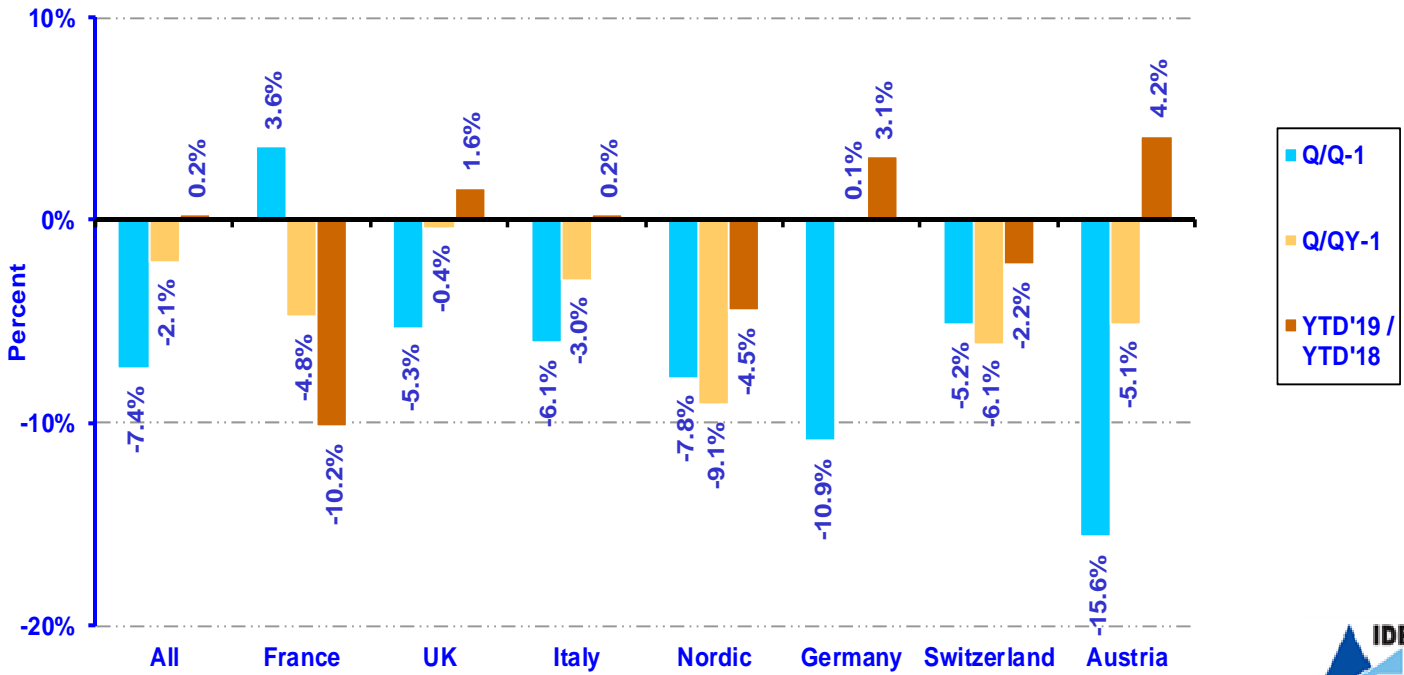
www.ideaelectronics.com



2ND 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



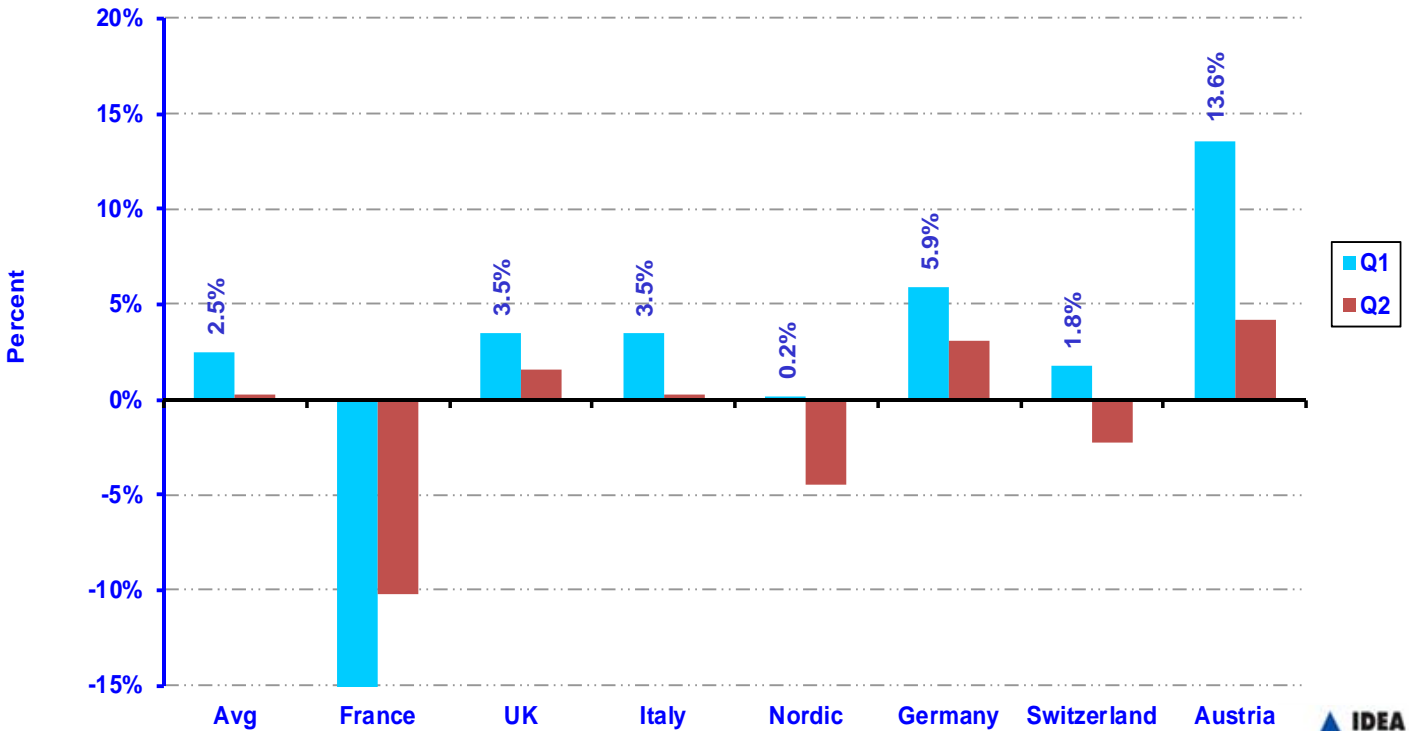
www.ideaelectronics.com



2ND 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



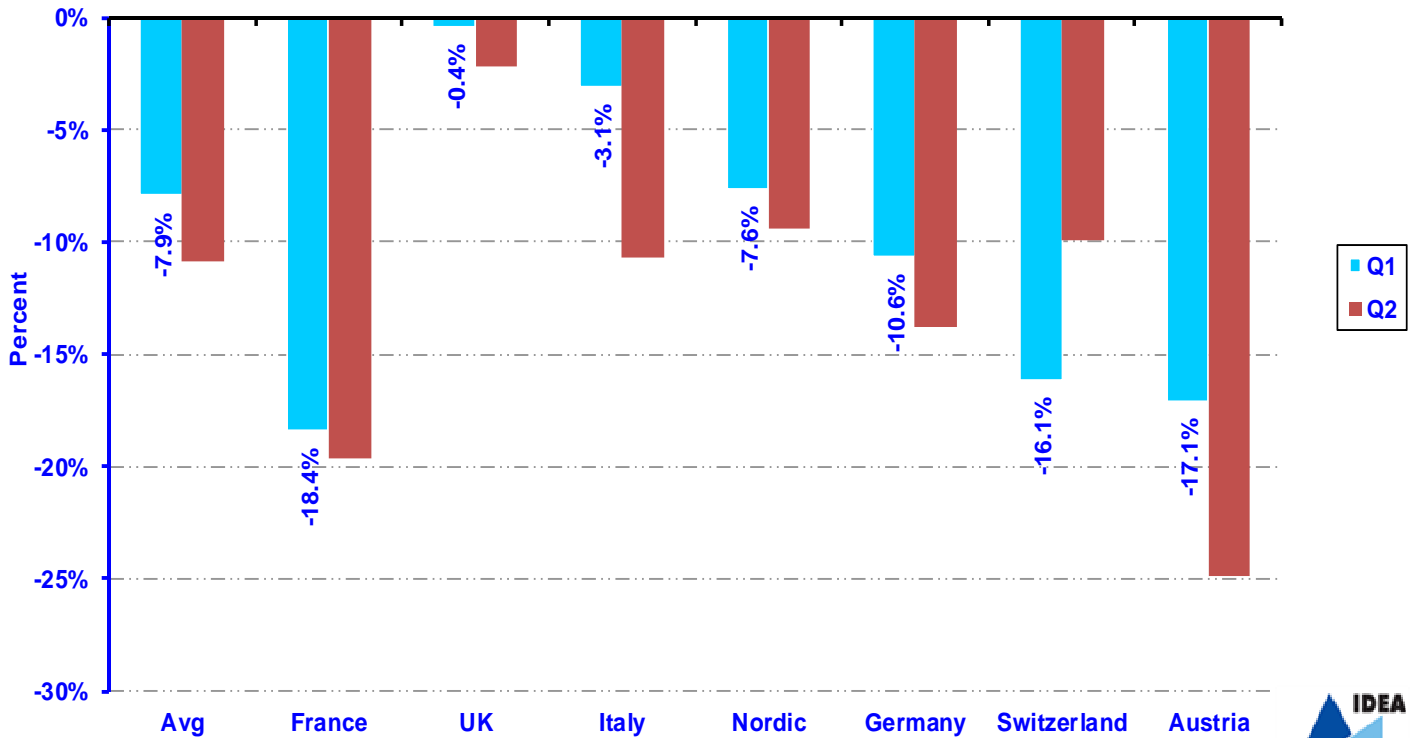
www.ideaelectronics.com



2ND 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



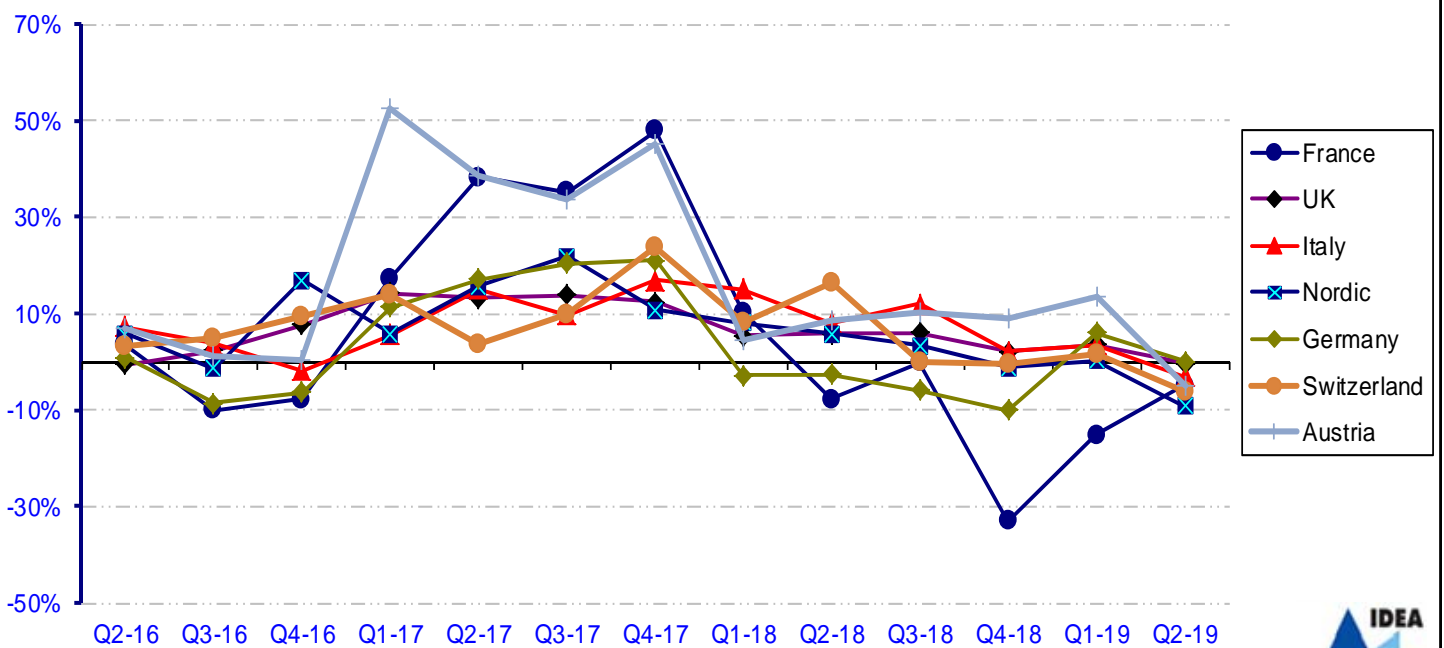
www.ideaelectronics.com



2ND 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.



www.ideaelectronics.com



# Data input by Country and Component

Country	Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	
All	Semis	Bookings	1,388	1,445	1,520	1,466	1,462	1,284	1,320	1,170	
		Billings	1,349	1,231	1,378	1,356	1,371	1,334	1,414	1,345	
	Passives	Bookings	277	284	289	307	316	266	262	230	
		Billings	254	247	248	256	271	251	306	270	
	Emech/Other	Bookings	400	416	448	432	415	384	413	372	
		Billings	388	381	416	403	392	357	426	395	
	Totals	Bookings	2,065	2,145	2,256	2,205	2,193	1,934	1,995	1,772	
		Billings	1,991	1,859	2,042	2,015	2,034	1,941	2,145	2,009	
	Country	Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
	France	Semis	Bookings	98	105	119	109	99	107	102	110
Billings			92	91	104	104	109	114	104	117	
Passives		Bookings	25	28	35	34	33	27	32	29	
		Billings	21	23	29	29	30	26	30	33	
Emech/Other		Bookings	35	41	39	38	33	25	32	30	
		Billings	37	41	41	38	36	27	35	36	
Totals		Bookings	158	173	193	181	165	159	167	169	
		Billings	150	155	175	171	176	168	170	187	
Country		Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
UK		Semis	Bookings	189	177	198	195	186	174	179	164
	Billings		173	157	190	180	189	177	176	178	
	Passives	Bookings	41	38	47	53	50	43	45	38	
		Billings	39	36	42	47	50	45	48	41	
	Emech/Other	Bookings	103	102	112	111	107	101	112	107	
		Billings	102	97	107	105	108	99	111	105	
	Totals	Bookings	334	317	356	359	343	318	336	308	
		Billings	314	291	339	332	347	321	335	323	
	Country	Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
	Italy	Semis	Bookings	184	247	255	237	227	167	239	186
Billings			195	184	229	239	208	198	233	220	
Passives		Bookings	36	51	57	62	66	60	49	43	
		Billings	38	38	51	52	58	52	56	50	
Emech/Other		Bookings	44	53	55	56	52	46	53	45	
		Billings	42	44	55	55	47	45	57	53	
Totals		Bookings	265	351	367	355	346	273	341	275	
		Billings	274	266	334	346	313	294	345	323	
Country		Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
Nordic		Semis	Bookings	110	120	111	122	105	113	95	90
	Billings		116	111	101	104	98	106	109	99	
	Passives	Bookings	11	13	15	16	15	15	13	13	
		Billings	11	12	13	14	13	14	15	13	
	Emech/Other	Bookings	35	36	40	37	33	35	37	33	
		Billings	35	36	37	38	36	36	37	35	
	Totals	Bookings	156	169	166	175	152	162	144	136	
		Billings	161	159	151	156	147	156	161	147	
	Country	Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
	Germany	Semis	Bookings	691	684	724	679	714	605	599	527
Billings			659	585	642	620	652	623	668	623	
Passives		Bookings	139	134	111	115	128	99	103	83	
		Billings	126	119	94	95	100	93	132	112	
Emech/Other		Bookings	159	159	178	167	165	153	159	138	
		Billings	152	141	152	144	143	127	162	144	
Totals		Bookings	989	976	1012	961	1006	857	861	748	
		Billings	937	845	889	858	895	844	962	879	
Country		Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
Switzerland		Semis	Bookings	64	62	58	65	72	66	61	52
	Billings		63	56	59	57	64	62	69	60	
	Passives	Bookings	8	7	7	10	9	8	8	6	
		Billings	7	7	7	7	7	8	9	7	
	Emech/Other	Bookings	10	10	12	10	11	10	10	10	
		Billings	9	9	10	10	9	9	10	10	
	Totals	Bookings	82	79	77	85	92	84	79	68	
		Billings	80	72	76	75	80	80	88	77	
	Country	Category	Activity	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19
	Austria	Semis	Bookings	52	52	56	58	59	53	45	41
Billings			52	48	54	51	51	53	54	48	
Passives		Bookings	17	13	17	18	16	15	12	18	
		Billings	12	12	13	13	13	13	16	14	
Emech/Other		Bookings	13	15	13	14	14	13	10	9	
		Billings	11	12	13	13	13	13	14	12	
Totals		Bookings	83	80	86	90	88	81	67	68	
		Billings	75	71	79	77	77	78	84	74	