

Q4-2023

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

COUNTRY	Association	Approx. DTAM (Distribution Total Available Market) 2022	Summation of Association Members Returns 2022	Approx. Share of DTAM (Distribution Total Available Market) represented by Association's Members 2022
France	SPDEI	€1235 Mill	€1067 Mill	85%
UK	ecsn/afdec	€2069 Mill	€1655 Mill	80%
Italy	ASSODEL	€2651 Mill	€2041 Mill	77%
Nordic	Via ecsn/afdec	€1984 Mill	€972 Mill	49%
Germany	FBDI	€6306 Mill	€4982 Mill	79%
Switzerland	FBDI	€928 Mill	€538 Mill	58%
Austria	FBDI	€753 Mill	€452 Mill	60%

IMPORTANT NOTE: To ensure that exchange rate variations do not confuse the trend, the exchange rates shown are the 2022 Local currency/€ conversion rates. The 2022 average rates are: UK Pound/€ 0.8500, Danish Krona/€ 7.4400, Norwegian Krona/€ 10.1200, Swedish Krona/€ 10.1500.

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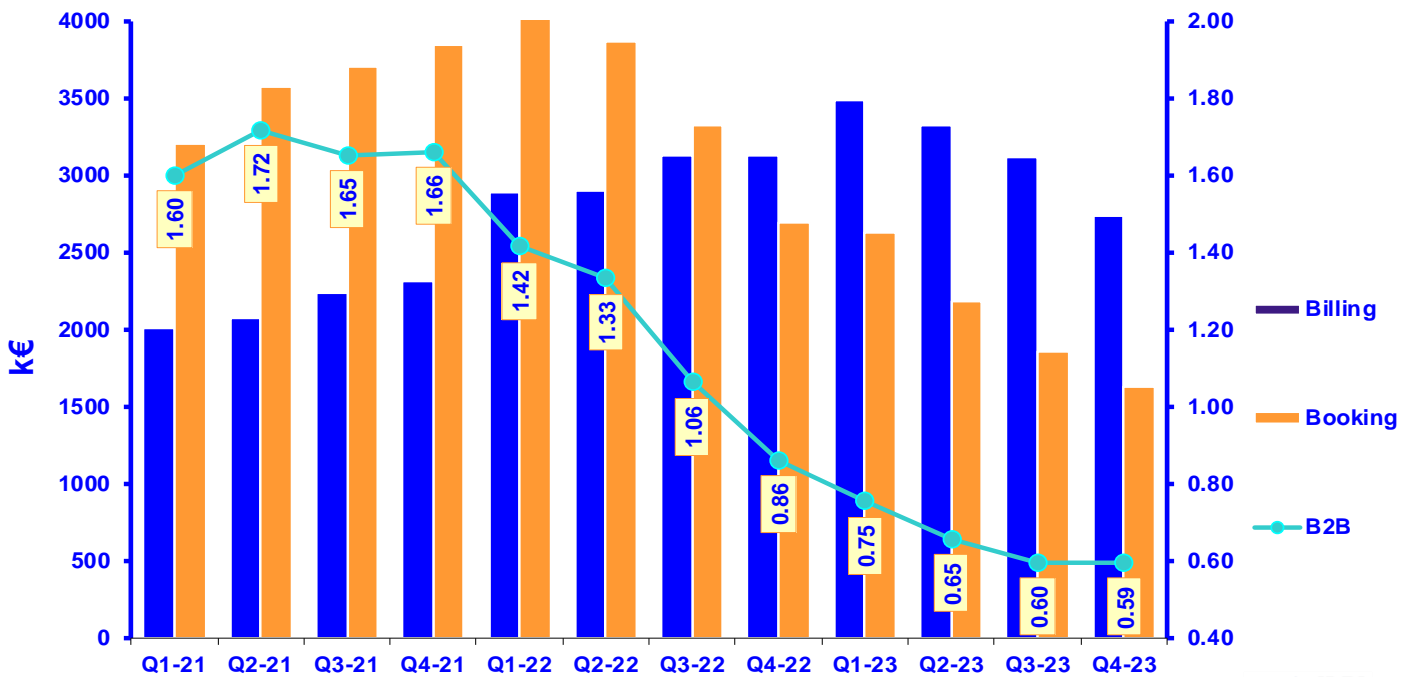
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<http://www.ideaelectronics.com/>

4TH QTR. 2023 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



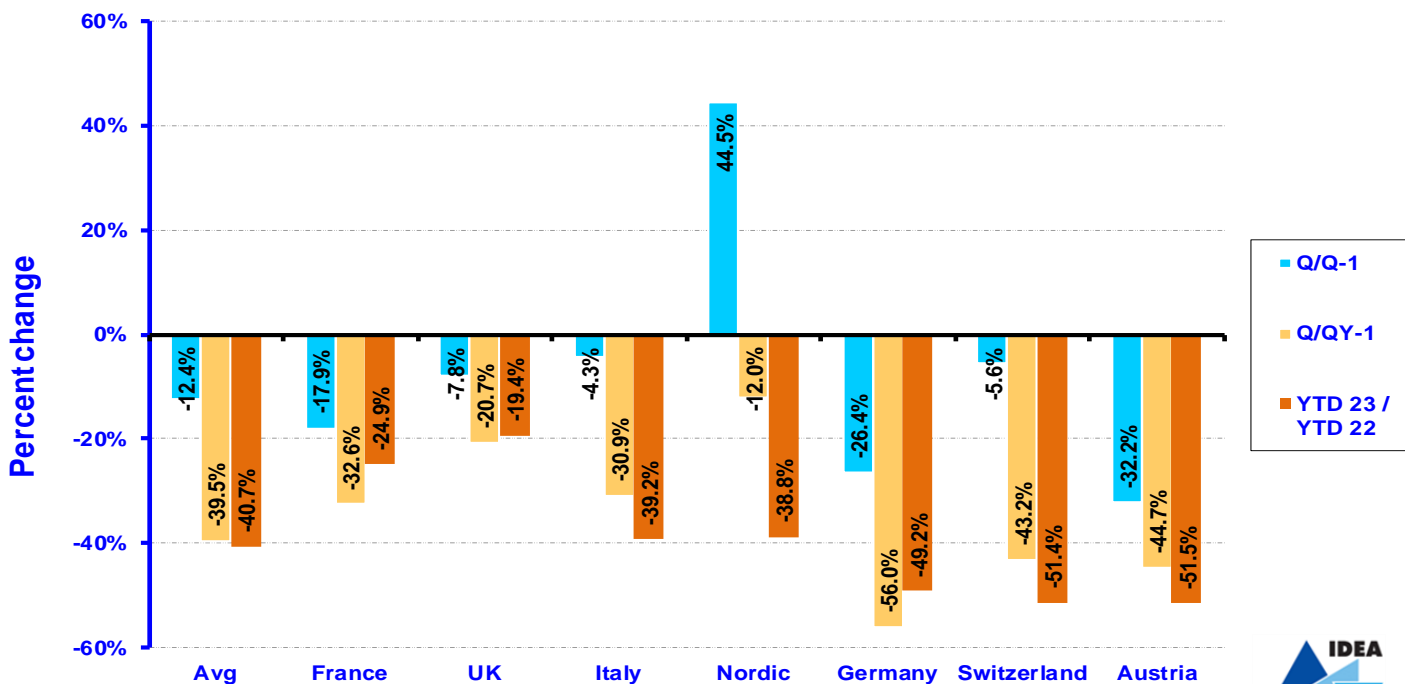
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4TH QTR. 2023 TOTAL COMPONENTS Booking Trend

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 23/22



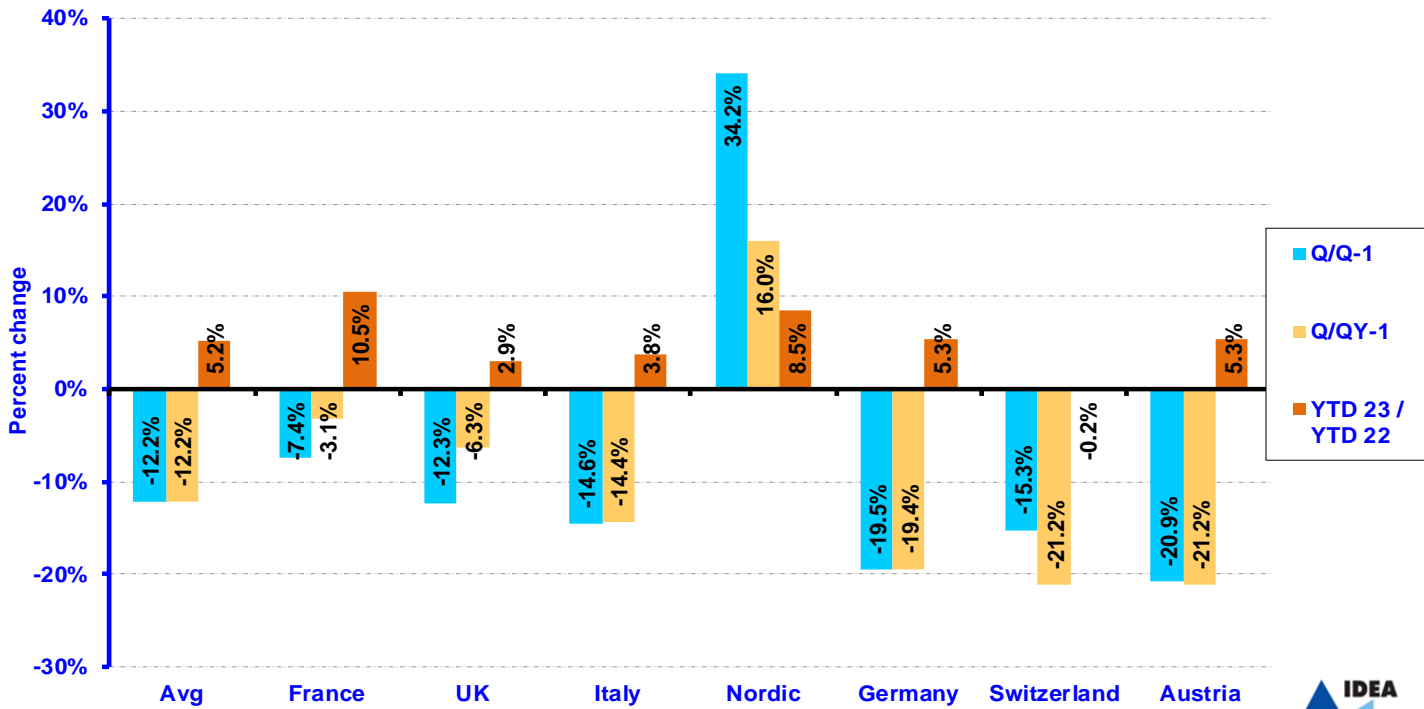
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4TH QTR. 2023 TOTAL COMPONENTS Billing Trend

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 23/22



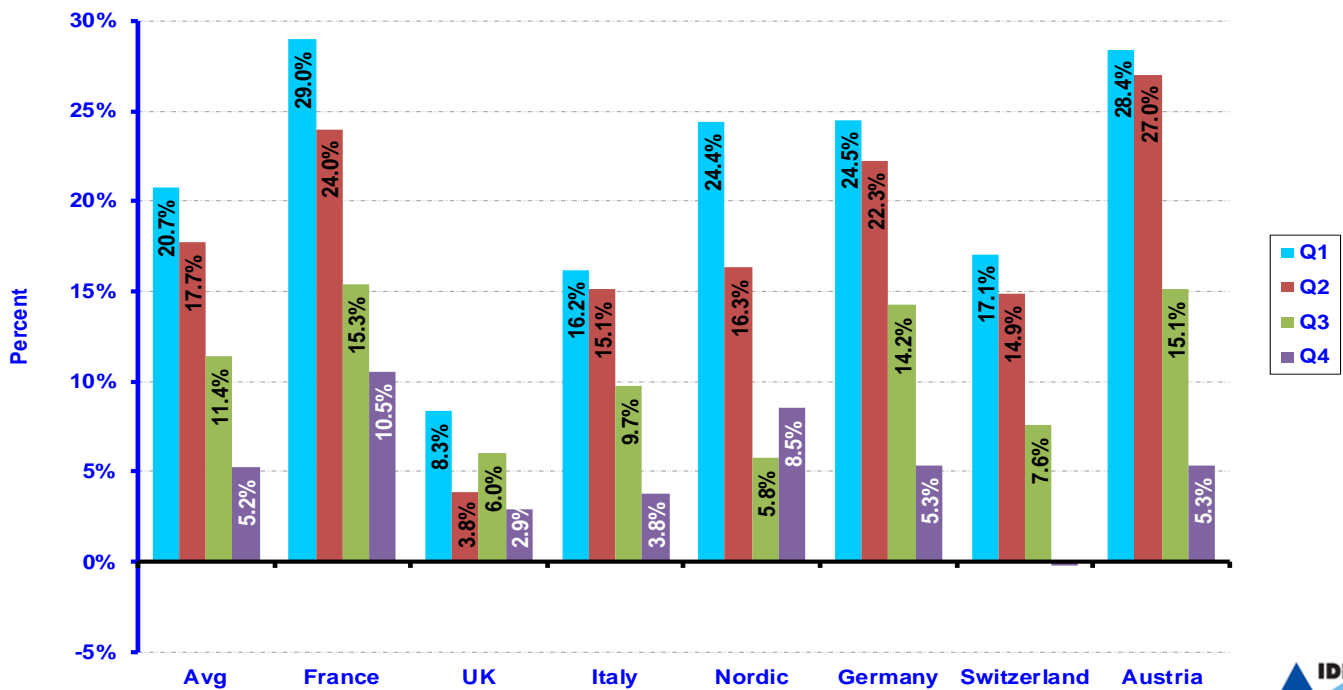
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4TH QTR. 2023 TOTAL COMPONENTS YTD Billings Trend

Graphic T4

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



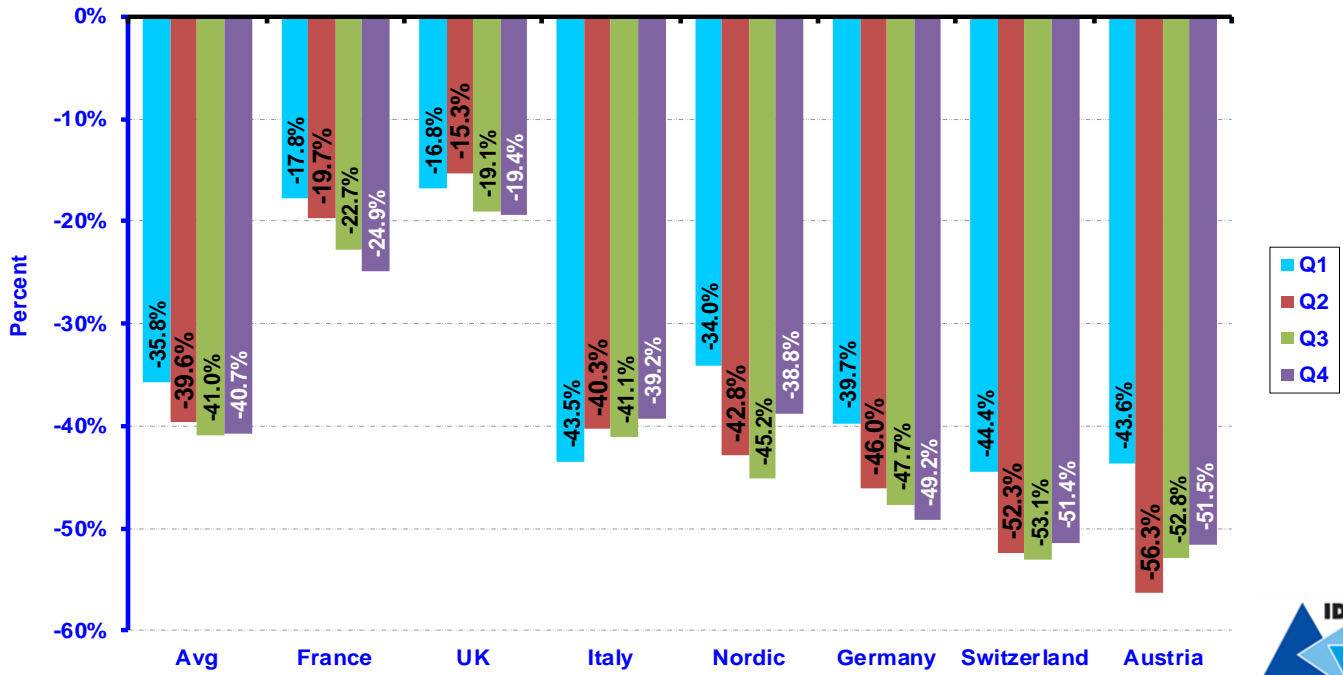
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4TH QTR. 2023 **TOTAL COMPONENTS YTD Bookings Trend**

Graphic T5

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

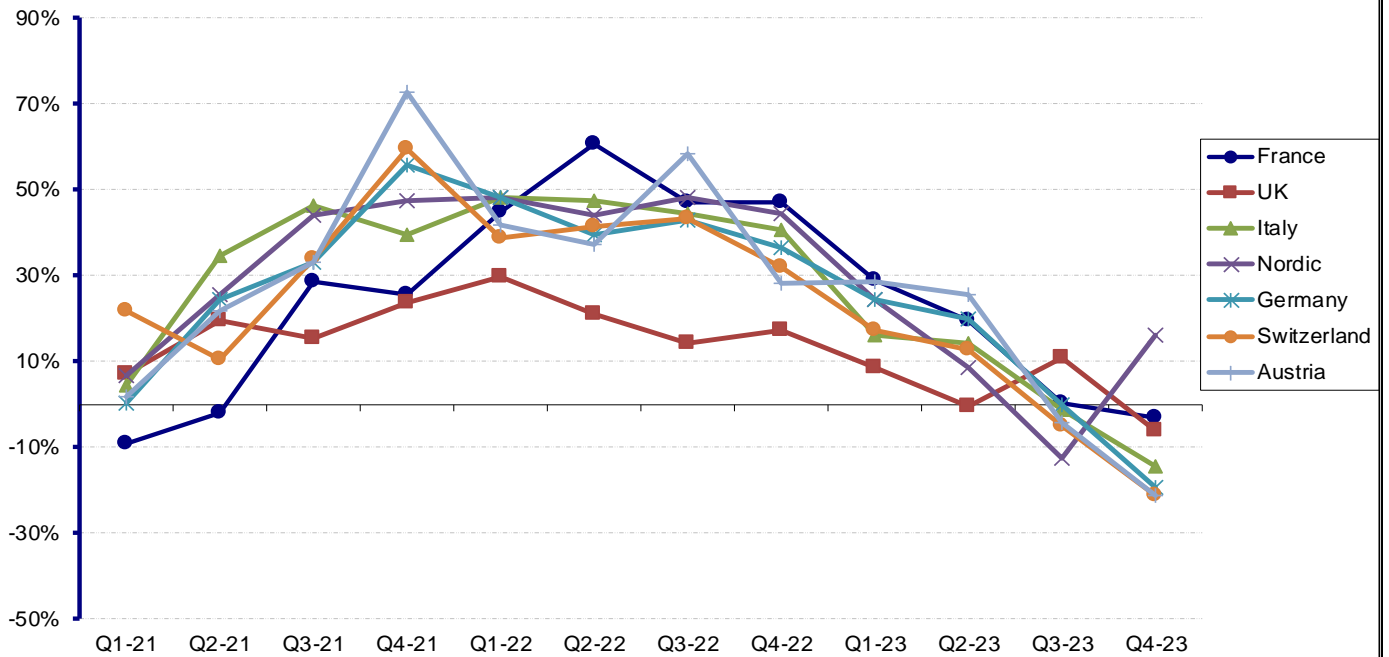


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4TH QTR. 2023 **TOTAL COMPONENTS TENDENTIAL INDEX BY COUNTRY(Q,QY-1)** Graphic T6

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

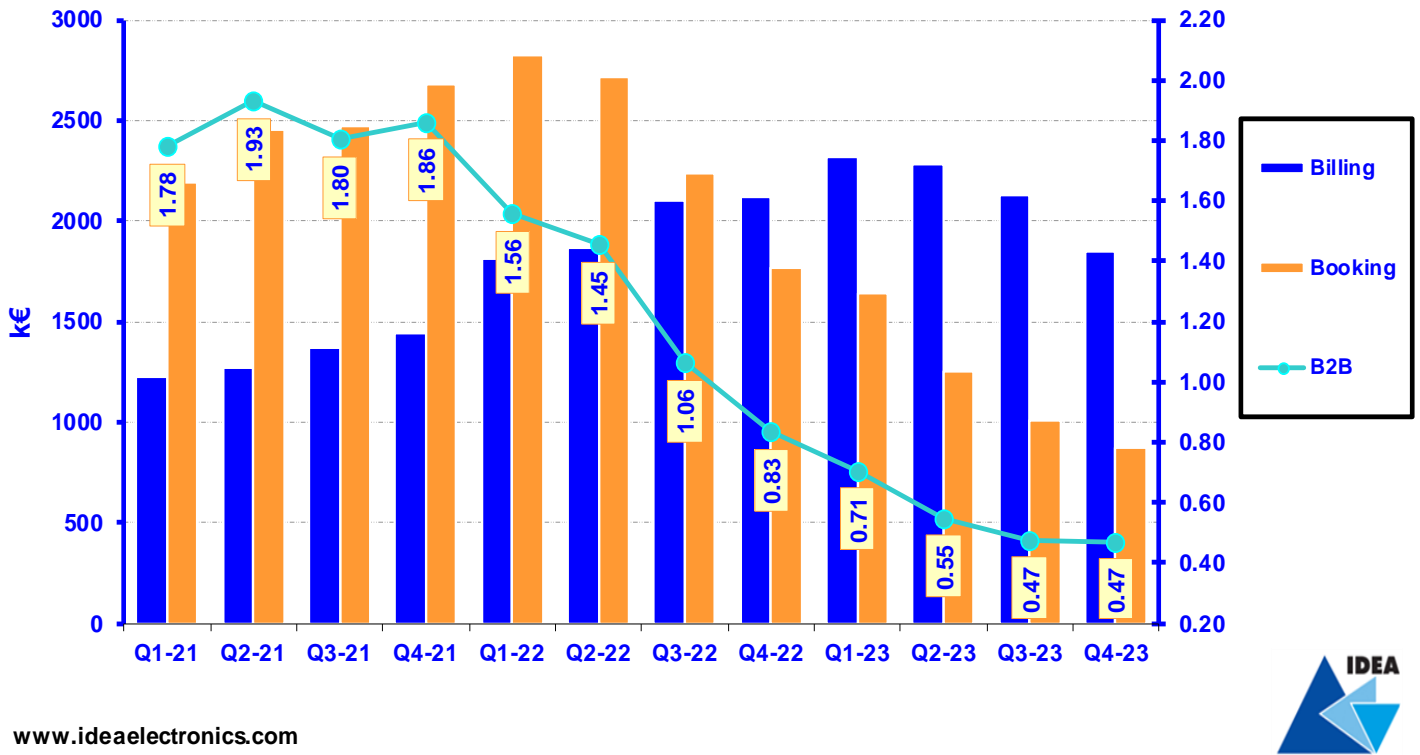


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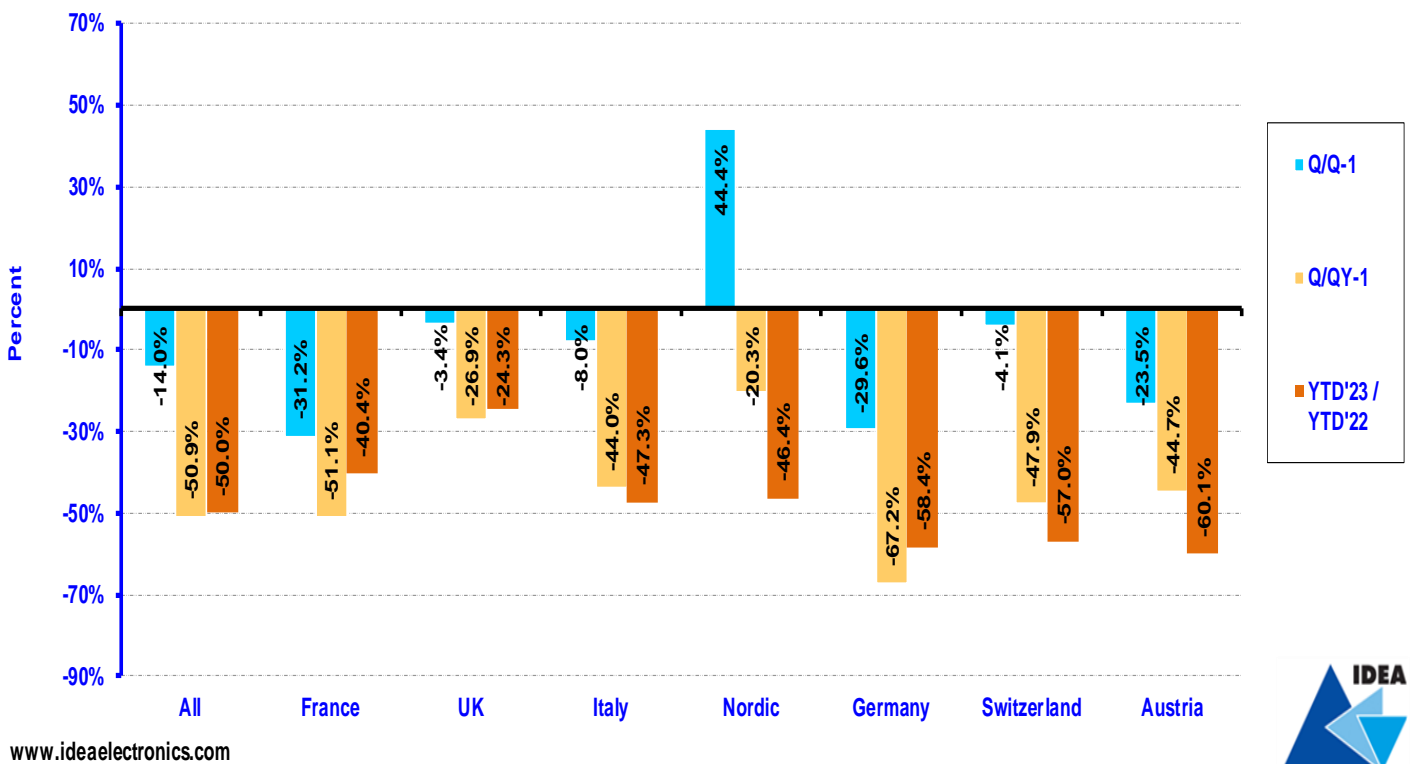
4TH QTR. 2023 SEMICONDUCTOR bookings, billings & book:bill ratio *Graphic S1*

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



4TH QTR 2023 SEMICONDUCTOR Booking Trend *Graphic S2*

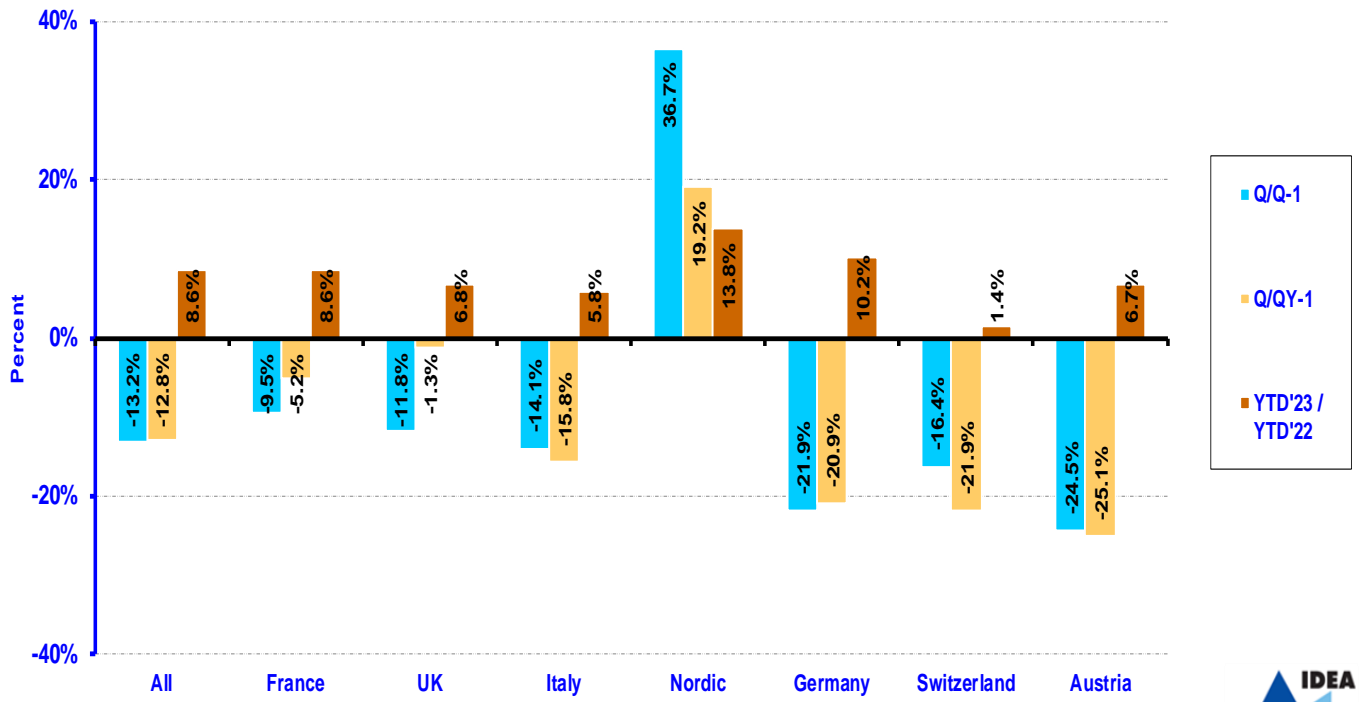
Distribution orders for semiconductors by country compared with the prior quarter (Q/Q1) and the same quarter prior year (Q/QY-1) and YTD 23/22



4TH QTR 2023 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 23/22



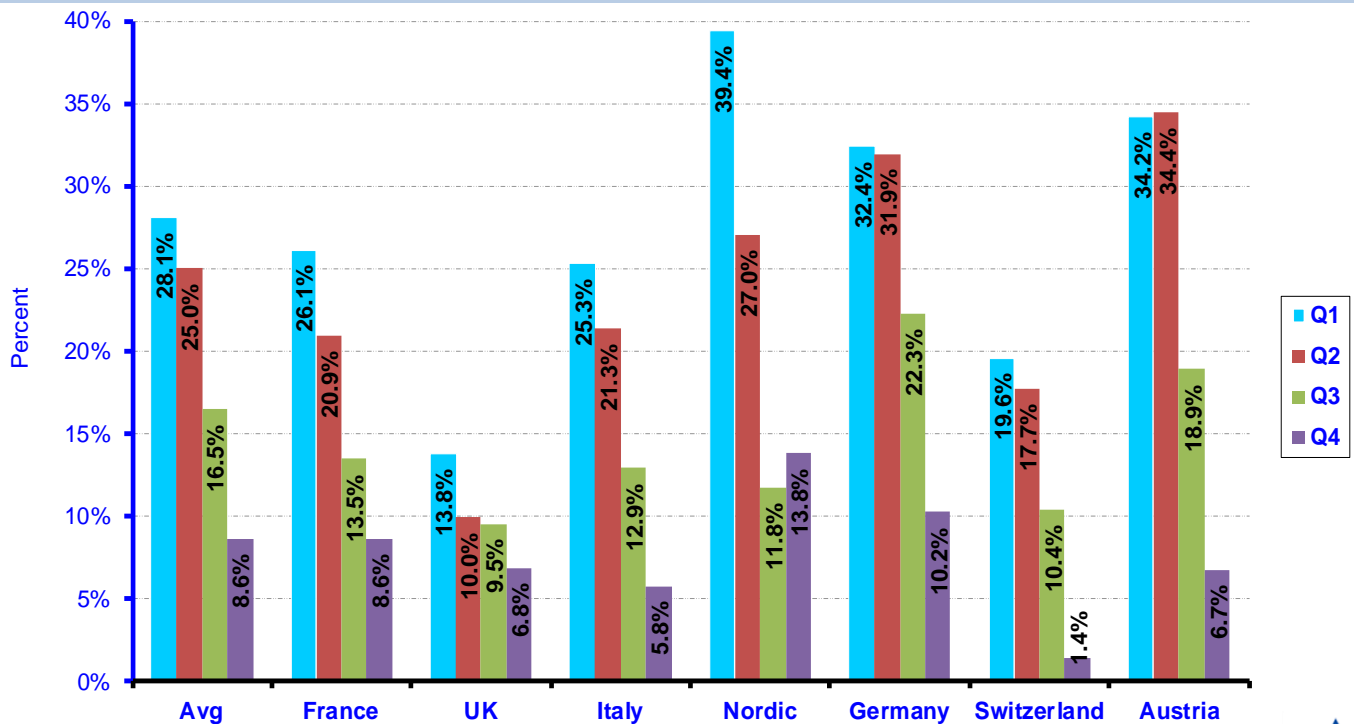
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4TH QTR. 2023 SEMICONDUCTOR YTD BILLING TREND

Graphic S4

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



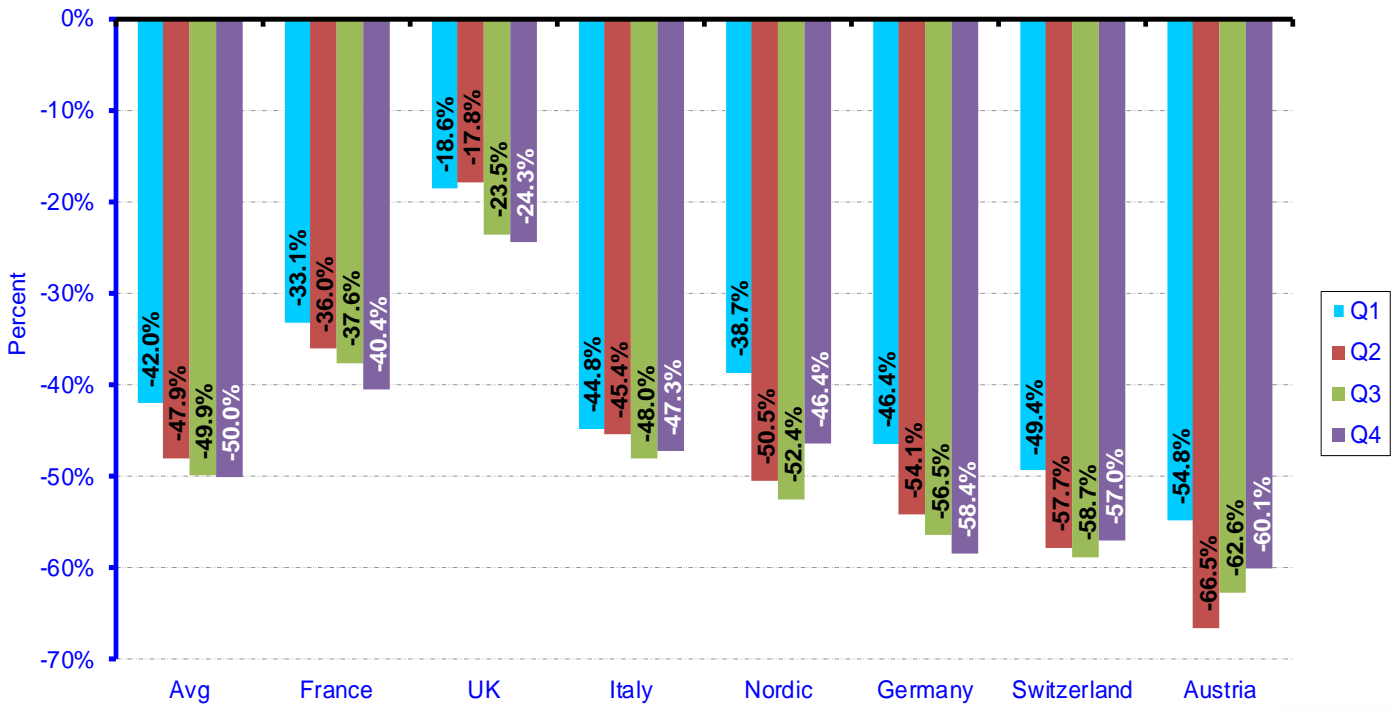
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4TH QTR. 2023 SEMICONDUCTOR YTD BOOKING TREND

Graphic S5

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



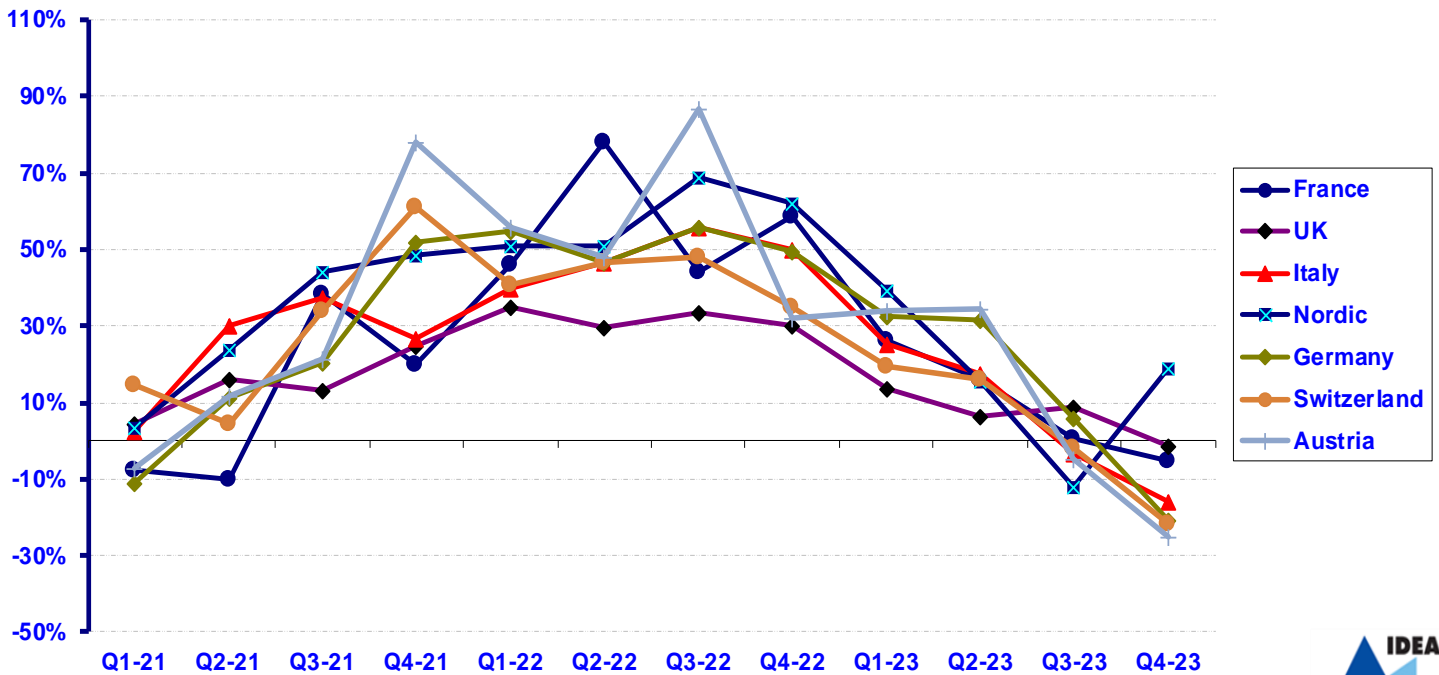
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4TH QTR. 2023 SEMICONDUCTOR TENDENTIAL INDEX (Q/Qy-1)

Graphic S6

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



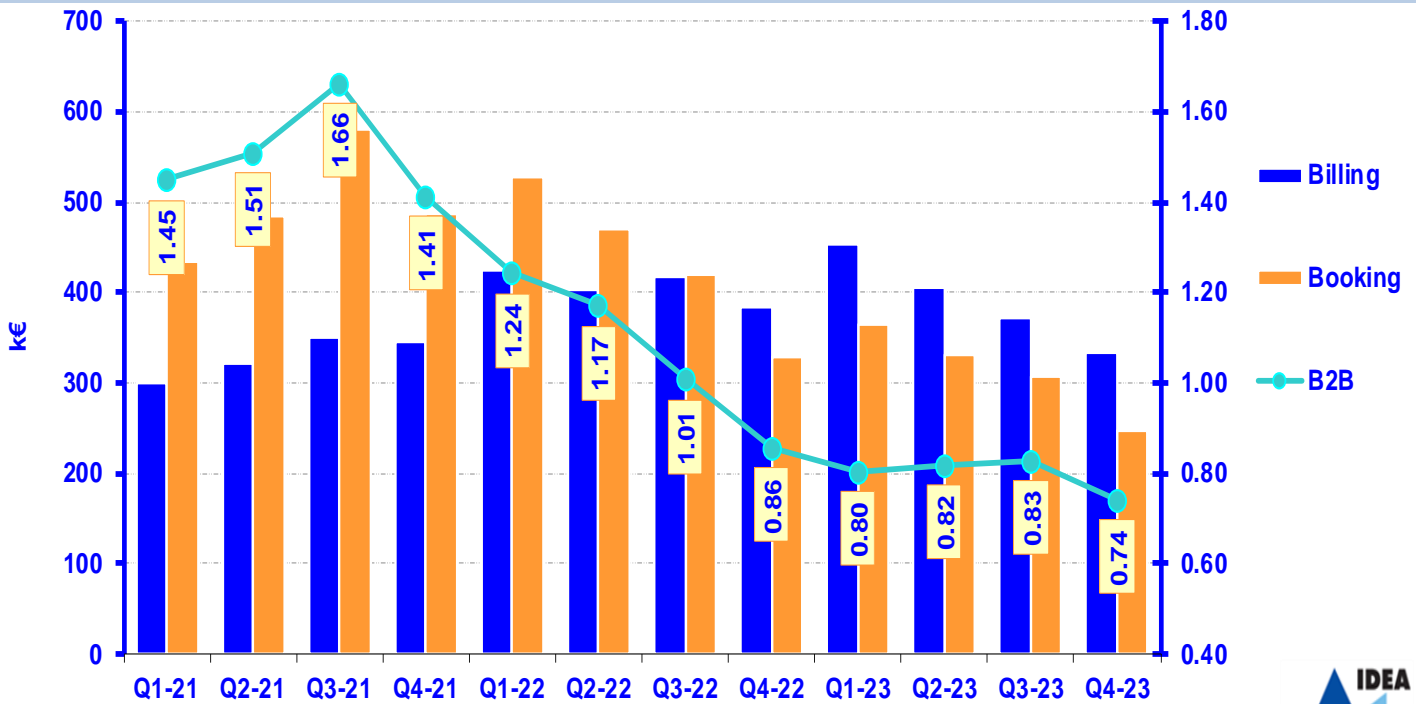
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4TH QTR. 2023 **PASSIVES** booking, billing & book:bill ratio

Graphic P1

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



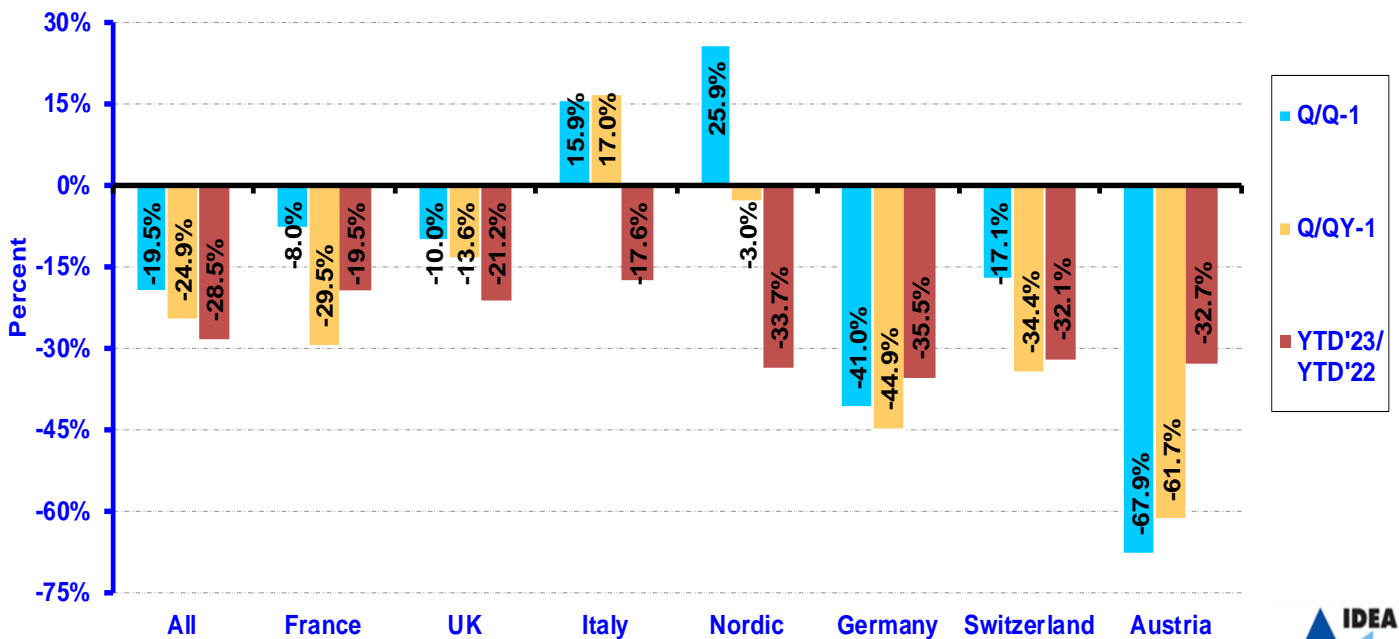
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4TH QTR. 2023 **PASSIVE COMPONENTS** Booking Trend

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)



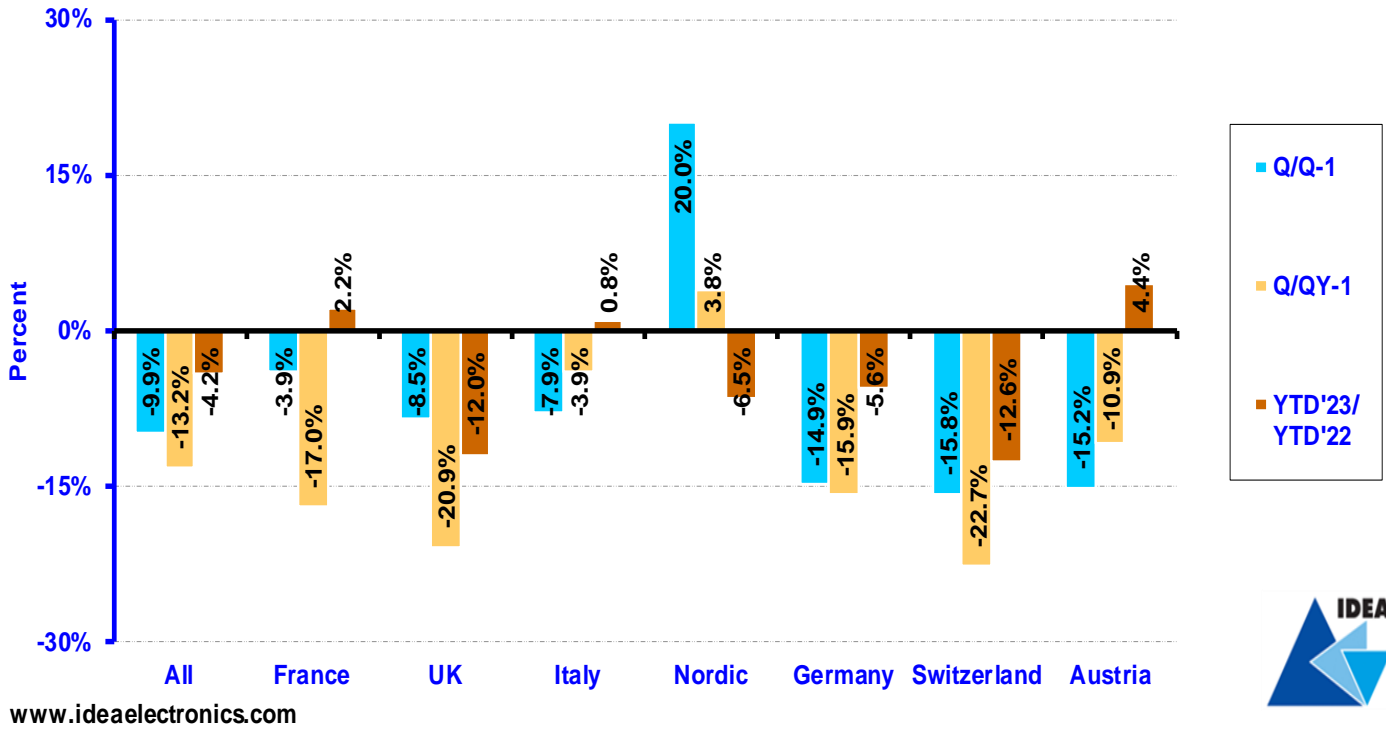
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4TH QTR. 2023 **PASSIVE COMPONENTS** Billings Trend

Graphic P3

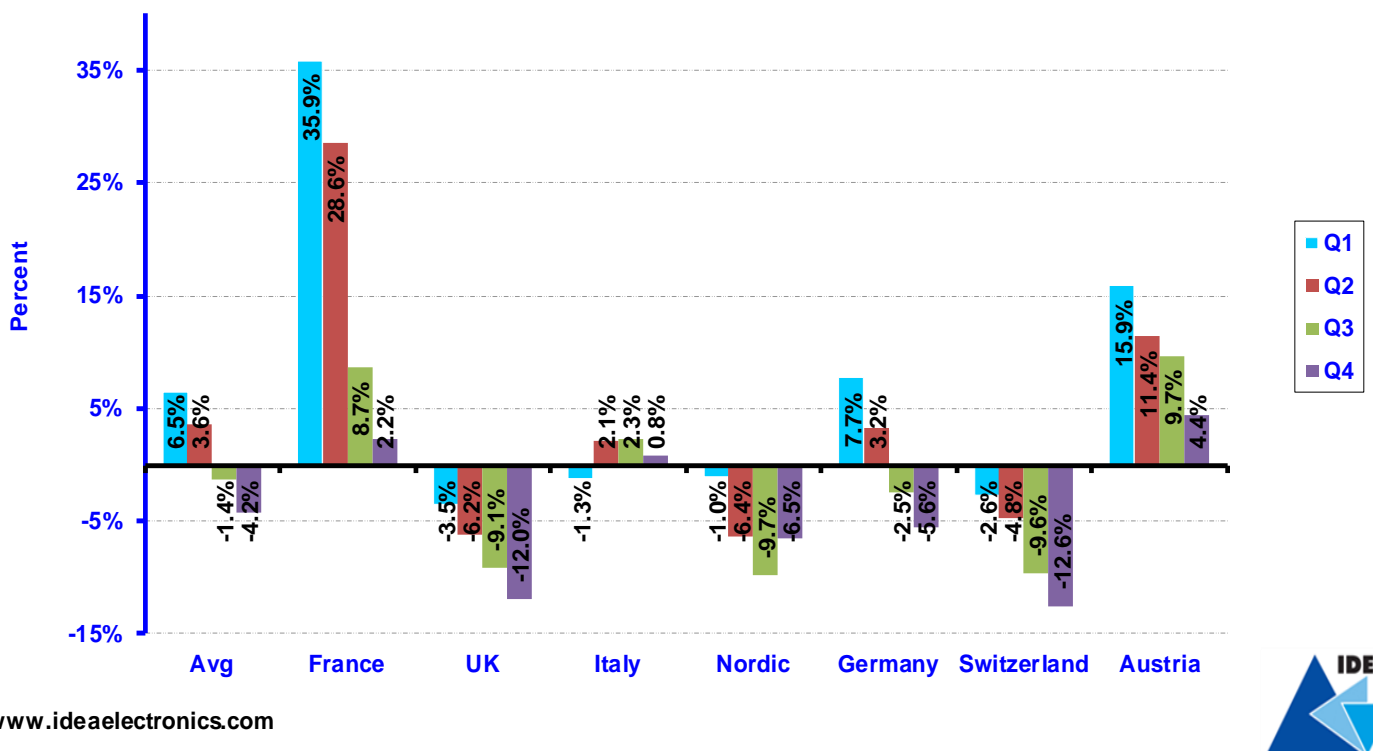
Distribution sales for passive components by country comparing current quarter with the prior quarter (Q/Q-1) and the same quarter prior year (Q/QY-1)



4TH QTR. 2023 **PASSIVES** YTD Billings Trend

Graphic P4

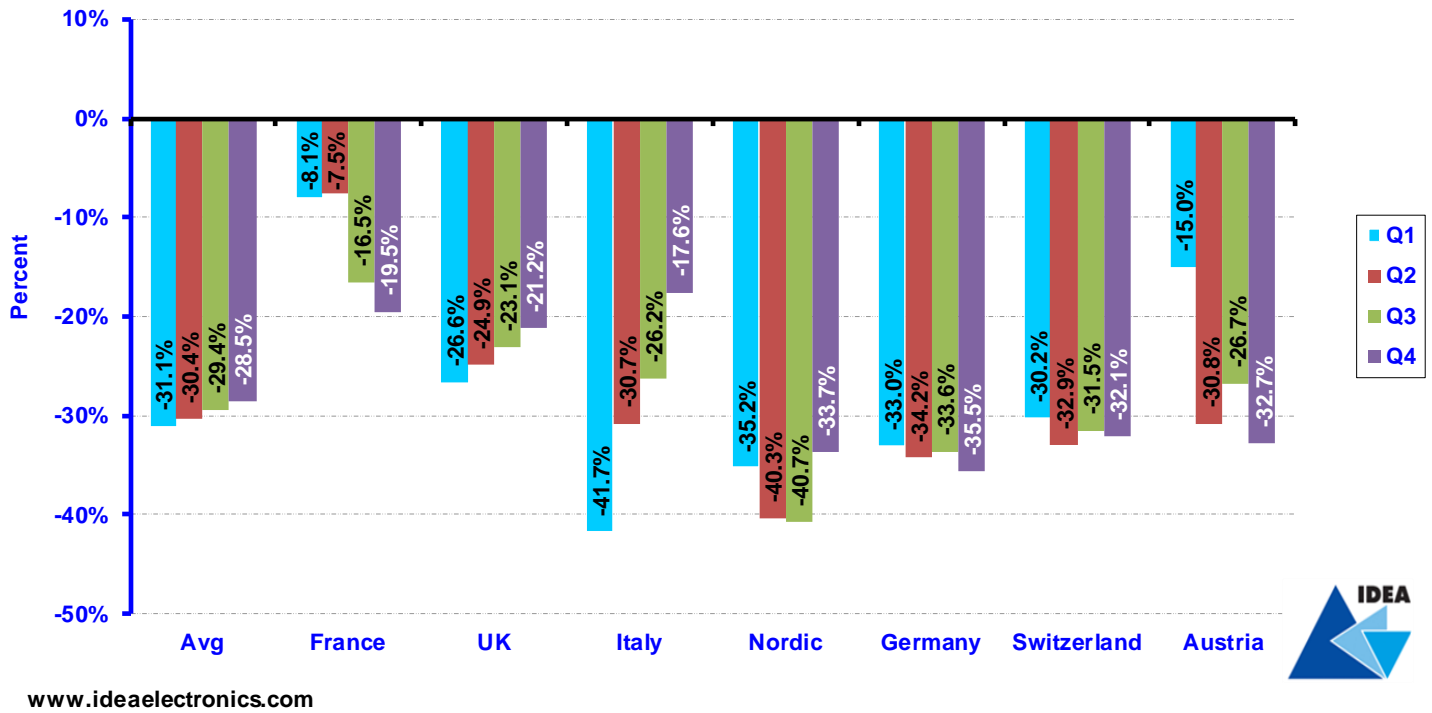
Cumulative sales of Passive components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



4TH QTR. 2023 PASSIVES YTD Bookings Trend

Graphic P5

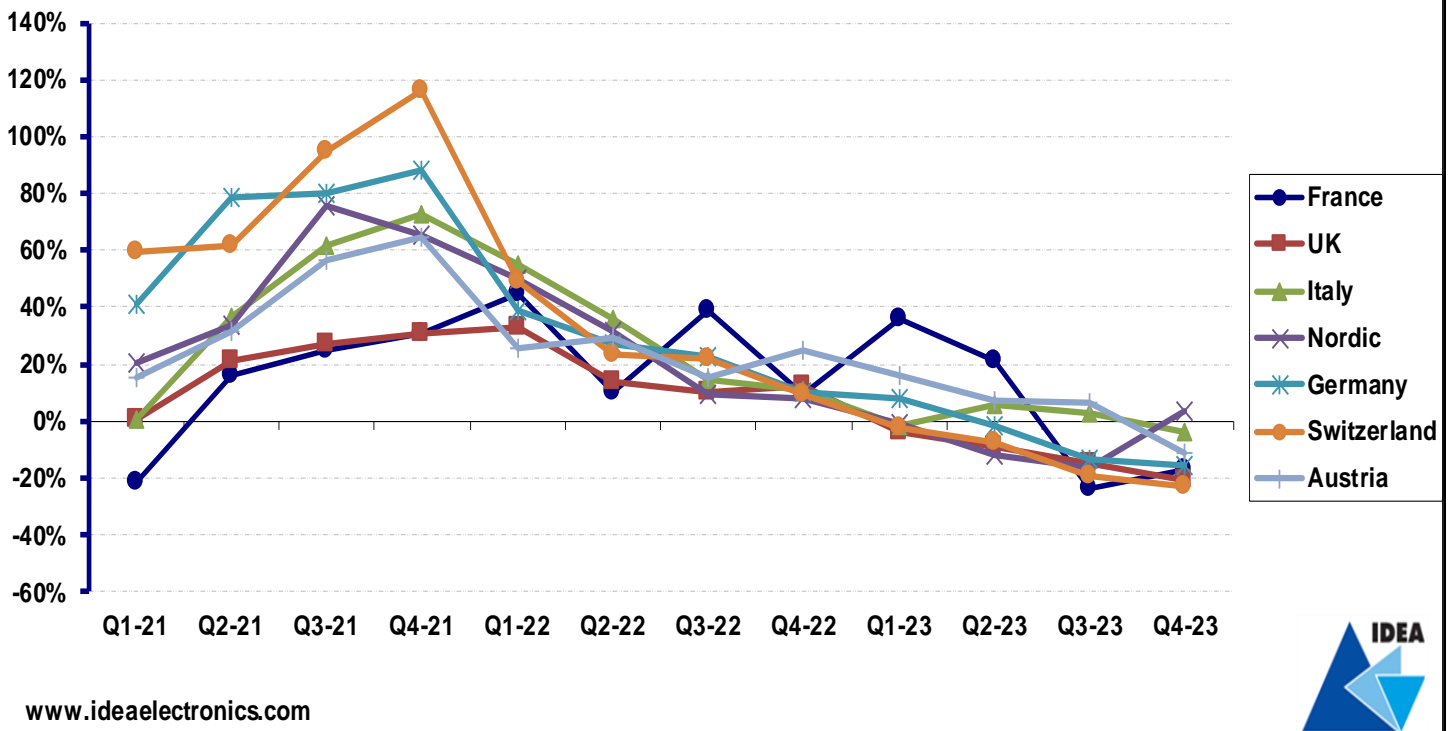
Cumulative orders for Passive components through distribution by country for the current year showing the growth/decline % compared with the same period prior year



4TH QTR. 2023 PASSIVES TENDENTIAL INDEX BY COUNTRY(Q/Qy-1)

Graphic P6

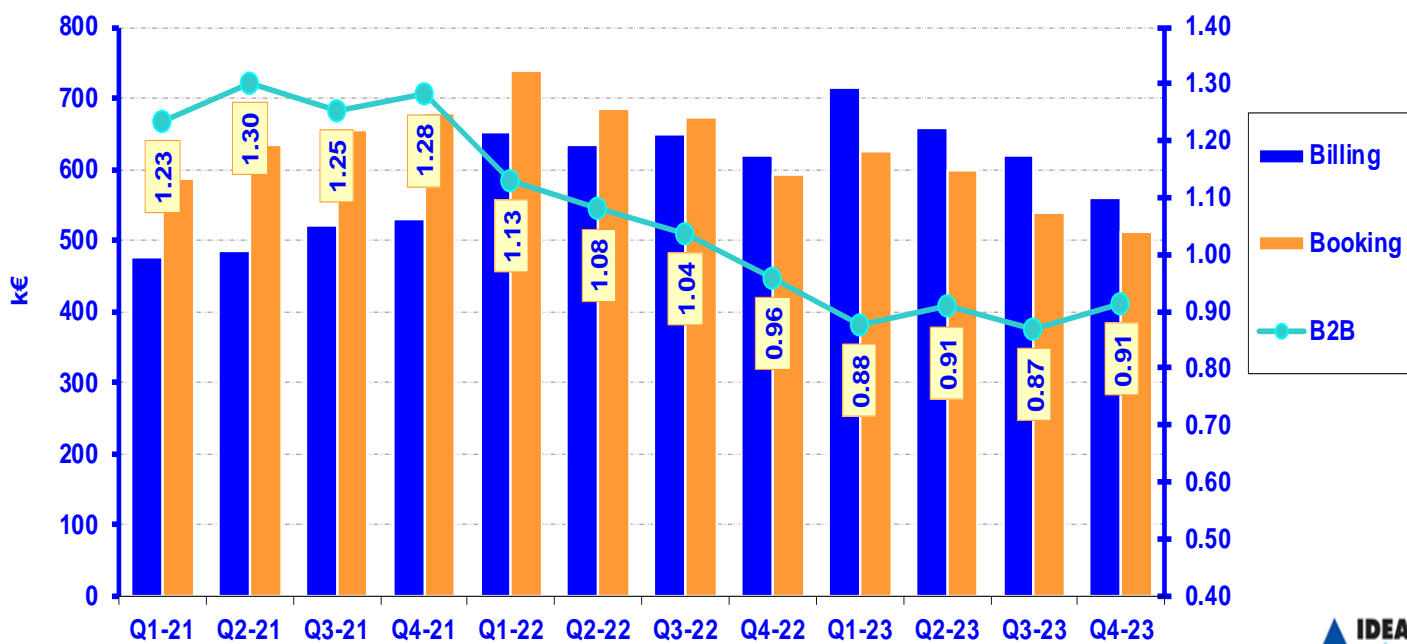
Trend showing growth/decline % in quarterly sales of passives through distribution by country compared with the same quarter prior year.



4TH QTR. 2023 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



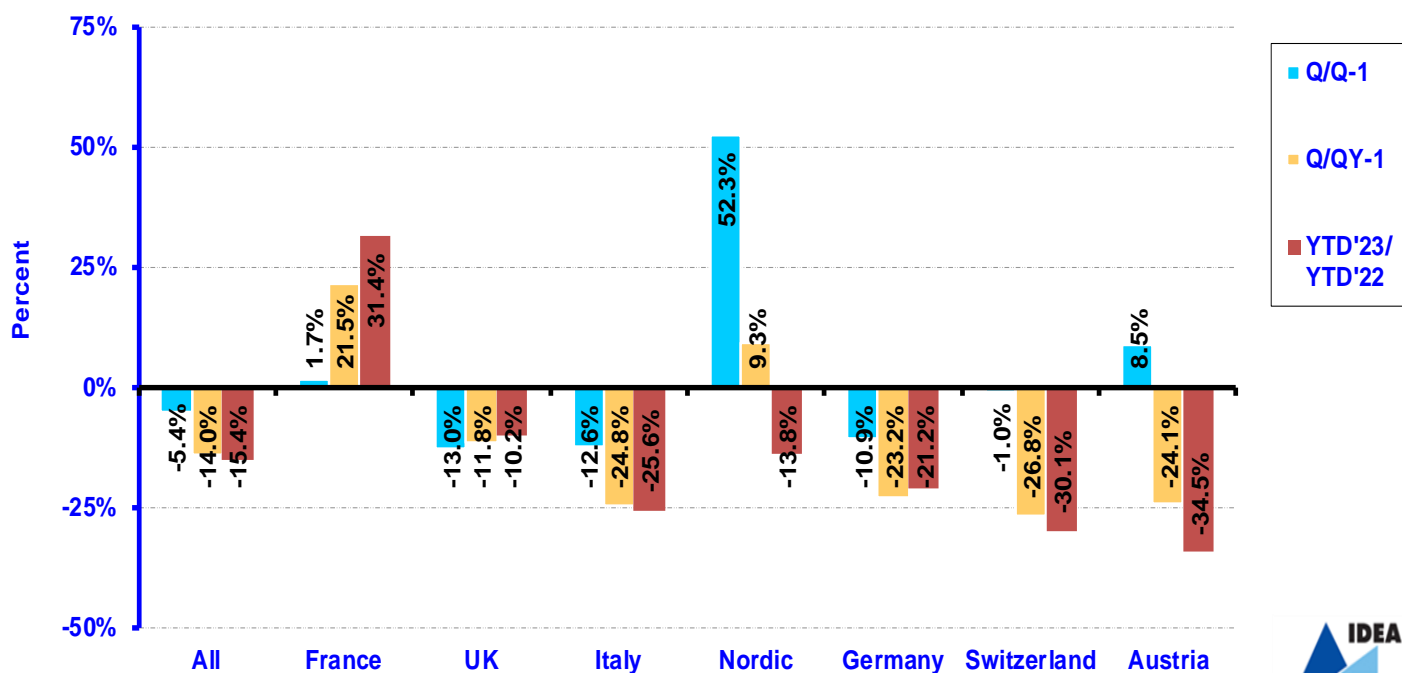
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4TH QTR. 2023 EMECH COMPONENTS Booking Trend

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)



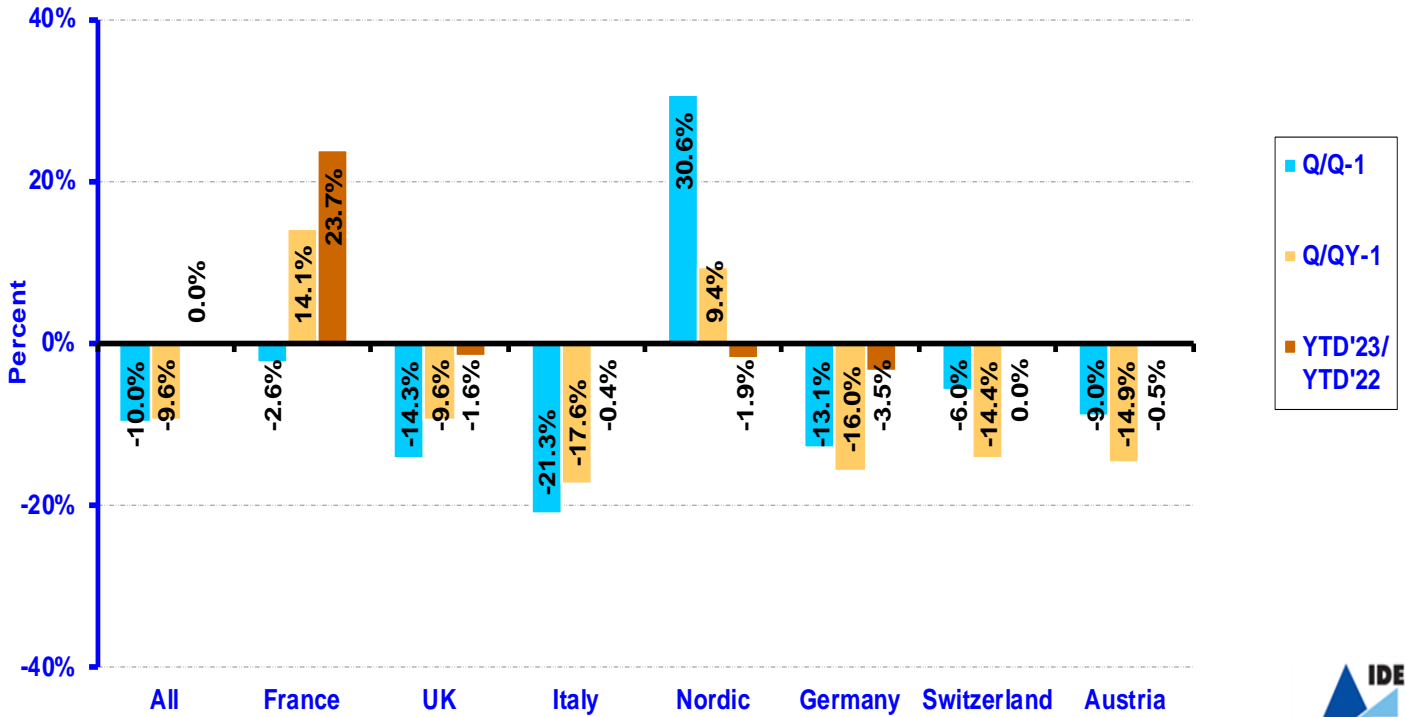
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4TH QTR. 2023 EMECH COMPONENTS Billings Trend

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



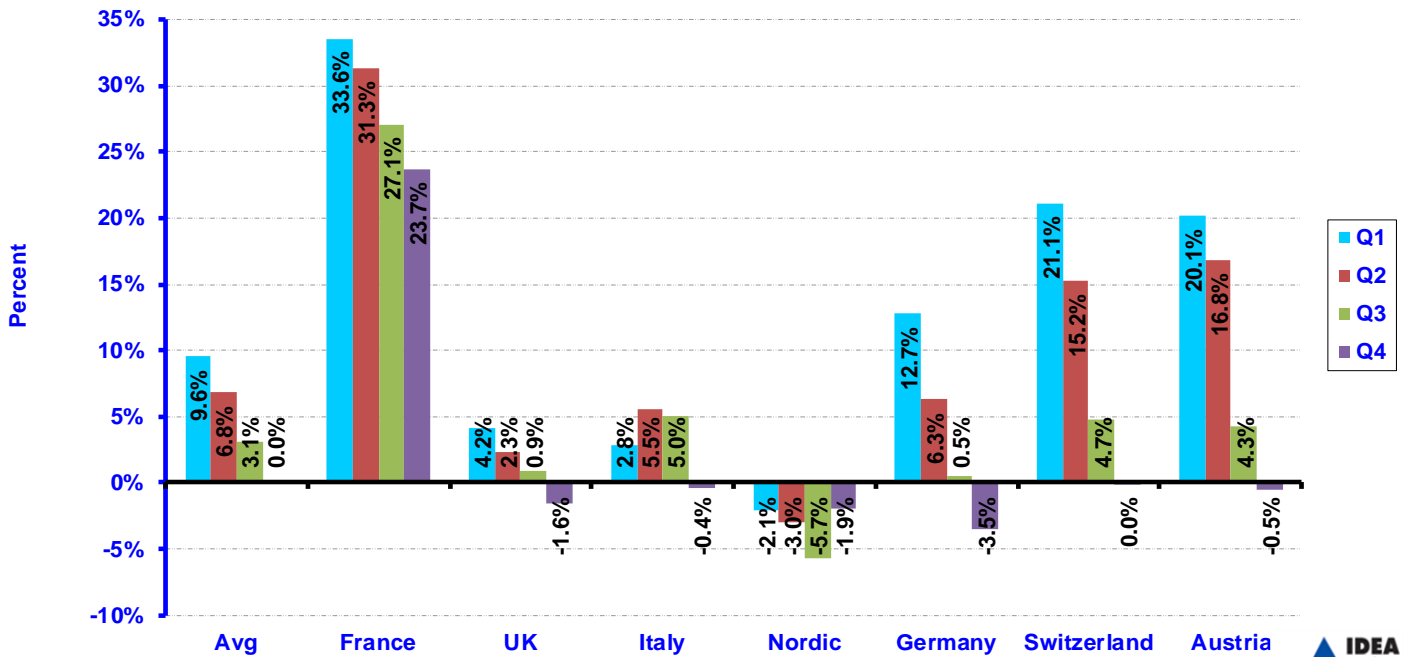
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4TH QTR. 2023 EMECH COMPONENTS YTD Billings Trend

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



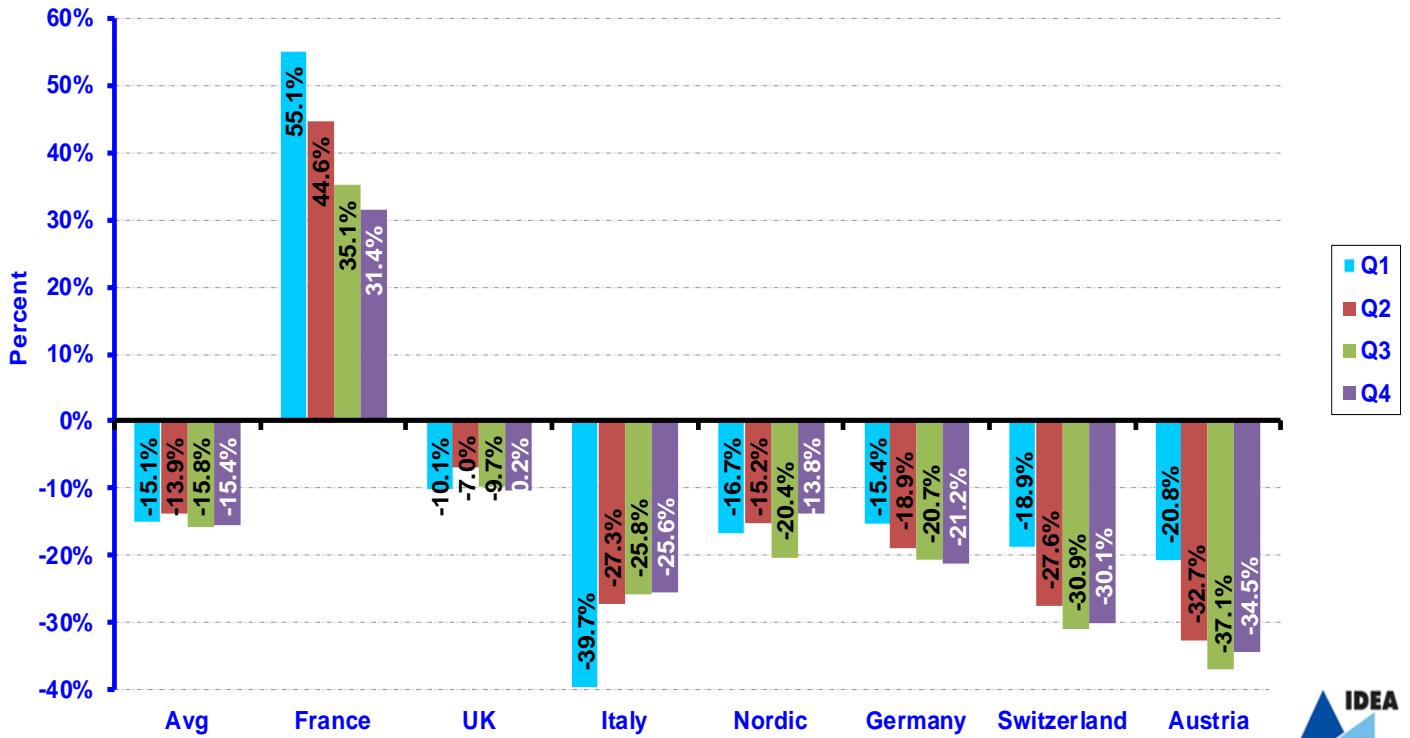
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4TH QTR. 2023 EMECH COMPONENTS YTD Bookings Trend

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



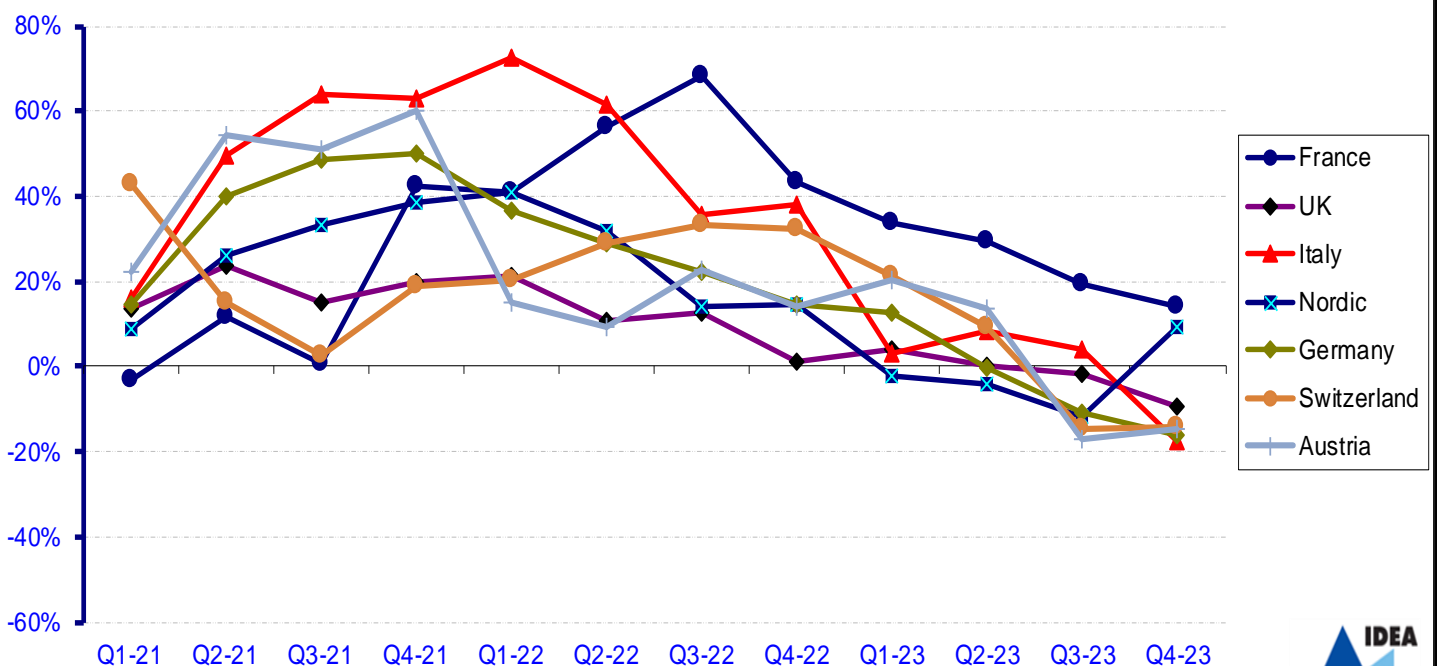
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4TH QTR. 2023 EMECH TENDENTIAL INDEX BY COUNTRY(Q/Qy-1)

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	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23	
All	Semis	Bookings	2,824	2,720	2,233	1,770	1,637	1,251	1,011	870	
		Billings	1,813	1,870	2,099	2,122	2,322	2,282	2,131	1,850	
	Passives	Bookings	529	470	421	329	364	331	307	247	
		Billings	425	402	418	385	453	404	371	334	
	Emech/Other	Bookings	738	684	674	594	626	598	540	511	
		Billings	652	633	649	618	715	659	621	559	
	Totals	Bookings	4,090	3,874	3,328	2,692	2,628	2,180	1,858	1,628	
		Billings	2,890	2,906	3,166	3,126	3,490	3,345	3,122	2,743	
	Country	Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
	France	Semis	Bookings	223	202	203	169	149	123	120	83
Billings			168	186	206	198	212	217	207	188	
Passives		Bookings	42	40	43	37	39	38	28	26	
		Billings	38	36	45	40	51	44	34	33	
Emech/Other		Bookings	41	51	56	56	64	69	67	68	
		Billings	46	56	55	56	62	72	66	64	
Totals		Bookings	307	293	302	262	252	230	215	177	
		Billings	252	278	306	294	325	333	307	285	
Country		Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
UK		Semis	Bookings	292	277	287	247	237	230	187	181
	Billings		234	250	250	243	267	266	272	240	
	Passives	Bookings	64	55	52	44	47	42	42	38	
		Billings	55	53	54	53	53	48	46	42	
	Emech/Other	Bookings	167	147	165	138	151	142	140	122	
		Billings	151	141	149	138	157	141	146	125	
	Totals	Bookings	523	479	503	429	435	415	369	340	
		Billings	440	443	419	435	477	440	464	407	
	Country	Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
	Italy	Semis	Bookings	537	436	382	284	297	235	173	159
Billings			321	339	337	332	403	398	325	280	
Passives		Bookings	103	82	78	66	60	68	66	77	
		Billings	85	76	73	71	83	81	75	69	
Emech/Other		Bookings	139	106	106	96	84	94	82	72	
		Billings	109	103	98	97	112	112	101	80	
Totals		Bookings	779	624	567	446	440	397	322	308	
		Billings	515	518	508	500	598	591	501	428	
Country		Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
Nordic		Semis	Bookings	233	223	191	148	143	83	82	118
	Billings		150	165	200	201	209	191	176	240	
	Passives	Bookings	29	27	24	18	19	14	14	18	
		Billings	25	23	23	22	25	20	19	23	
	Emech/Other	Bookings	64	56	53	50	54	49	36	55	
		Billings	61	57	54	57	60	55	48	63	
	Totals	Bookings	327	305	268	216	216	146	132	190	
		Billings	236	245	278	281	294	266	243	326	
	Country	Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
	Germany	Semis	Bookings	1292	1302	986	792	692	498	369	260
Billings			775	763	901	942	1027	1004	953	745	
Passives		Bookings	246	217	185	135	165	140	126	74	
		Billings	186	176	185	161	201	173	160	136	
Emech/Other		Bookings	291	284	257	224	246	220	193	172	
		Billings	256	247	260	240	289	247	232	202	
Totals		Bookings	1829	1803	1429	1151	1103	857	689	507	
		Billings	1218	1186	1347	1343	1516	1423	1345	1082	
Country		Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
Switzerland		Semis	Bookings	145	141	106	75	73	48	41	39
	Billings		97	100	115	120	116	115	112	94	
	Passives	Bookings	18	15	13	12	12	10	10	8	
		Billings	15	14	15	13	15	13	12	10	
	Emech/Other	Bookings	18	18	18	15	15	12	11	11	
		Billings	15	15	16	15	18	16	14	13	
	Totals	Bookings	181	175	137	102	100	69	61	58	
		Billings	127	128	146	149	149	145	138	117	
	Country	Category	Activity	Q1-22	Q2-22	Q3-22	Q4-22	Q1-23	Q2-23	Q3-23	Q4-23
	Austria	Semis	Bookings	103	140	78	54	46	35	39	30
Billings			67	68	89	85	89	92	85	64	
Passives		Bookings	26	34	26	18	22	19	21	7	
		Billings	22	24	23	24	25	26	25	21	
Emech/Other		Bookings	17	22	19	15	13	13	10	11	
		Billings	14	14	17	15	17	16	14	12	
Totals		Bookings	146	195	123	86	82	67	70	48	
		Billings	102	106	129	124	131	134	123	98	