Partlist Interface Board AB

Name	Value	max. tolerance	Manufacturer / remarks	min. power rating	Package
C100, C109	22pF	5%		50V	0402
C101, C108, C118	10nF	10%		50V	0402
C102, C103, C107	22μF	20%		6,3V	0805
C104	100nF	10%		10V	0402
C105	220nF	20%		16V	0402
C106	47μF	20%		6,3V	0805
C110, C112, C114	10pF	10%		50V	0402
C111, C113, C115	1nF	20%		50V	0402
C116	10μF	20%		25V	1206
C117	1μF	10%		6,3V	0402
C119, C120, C121, C122, C123, C124	470nF	20%		25V	0402
D100, D101, D102, D103, D104, D105	HSMS-270B				SOT-323
D124, D125, D126, D127, D128, D129	BZD27C3V6P				DO-219AB
D130	BAT54C				SOT-23
F100	500mA		Kamaya	FCC16501AD	0603
F101, F103, F105, F106	62mA		Littelfuse	0451062	6.10 x 2.69
F102, F104	50mA		AVX	F0402G0R05FNTR	0402
L100	1.2µH	20%	Coiltronics	MPI4040	0402
P100, P101	46112		Molex		
P103	46113		Molex		
P104	ASP-164302-02		Samtec		
P105	ASP-165841-01		Samtec		
Q100, Q101, Q102	SUD50N06-09L-E3		Vishay		TO-252
R100, R101	464R	1%		1/16W	0402
R102	1R	1%		1/4W	1206
R103, R108, R113, R118	100K	1%		1/16W	0402
R104, R105, R106	274R	1%		1/10W	0603
R107, R112, R117	215K	1%		1/16W	0402
R109, R114, R119	110K	1%		1/16W	0402
R110, R111, R115, R116, R120, R121	1K	1%		1/16W	0402
R122, R123	25R5	1%		1/10W	0603
U101	SC185QULTRT		Semtech		MLPQ-UT16
U102, U104, U106	ZXRE125EFTA				SOT-23
U103, U105, U107	MCP6001T-I/LT				SC70-5

Peter Kühnel ecom instruments GmbH (Author) Andreas Gromes ecom instruments GmbH (reviewed)