

EEZ DIB AUX-PS BOM (r2B2, 2018-03-23)
Project source code at <https://github.com/eez-open/modular-psu>

#	Farnell / Element14								Digi-Key			Mouser		
	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
1	1	DB107S	SMD; DBS	B1	1861409	DB107S	0,518	5	1655-1822-1-ND	0,410	1	750-DB107S-G	0,434	1
2	2	47n/400V (X2)	THT; 13x5mm; RM10	C1, C2	2728564	B32921C3473K000	0,452	1	399-11478-ND	0,319	10	871-B32921C3473K	0,264	10
3	1	2n2/1kV	1210 or 1206	C13	1855965	MC1210B222K102 CT	0,496	5	490-12018-1-ND	0,502	10	710-885342208019	0,121	10
4	2	UCY2G6R8MPD	ECAP5G_10.5MM	C14, C15	1831309	400BXC6R8MEFC 10X16	0,868	1	493-13319-1-ND	0,730	1	647-UCY2G6R8MPD	0,629	1
5	3	3n3	C-EUC0805	C16, C19, C23	1856458	MCSH21B332K250 CT	0,039	5	732-8036-1-ND	0,033	10	710-885012207063	0,072	10
6	1	470u/16V	THT; Ø8; RM3.5	C17	2346502	16PK470MEFC8X1 1.5	0,206	5	493-1286-ND	0,215	10	647-UVZ1C471MPD1 TD	0,194	10
7	2	4u7	1206	C18, C25	1907356	C3216X7R1E475K 160AC	0,240	5	1276-2970-1-ND	0,199	10	963-EMK316B7475M L-T	0,129	10
8	1	UVZ1C471MPD	ECAPPANASONIC_H	C20	9695850	EEEFK1V470P	0,344	1	PCE3842CT-ND	0,312	10	667-EEE-FK1V470P	0,238	10
9	1	CY1Y-470P	C-EUCY	C21	2860164	VY1471K31Y5UQ6 TV0	0,220	1	BC2372-ND	0,206	10	72-VY1471M31Y5U Q63V0	0,186	10
10	1	1500u/16	THT; Ø12.5; RM5	C24	2465622	860010275018	0,489	1	732-8920-1-ND	0,420	1	647-UHD1C152MHD	0,456	10
11	2	33n	0805	C27, C29	1414688	C0805C333K5RAC TU	0,051	10	1276-1796-1-ND	0,068	10	77-VJ0805Y333JXA PBC	0,020	50
12	1	18p	0603, C0G	C28	2896373	VJ0603A180JXAC W1BC	0,016	10	1276-1089-1-ND	0,048	10	80-C0603C180J5G7 867	0,023	10
13	3	1u	0805	C3, C4, C5	2896566	VJ0805Y105KXXT W1BC	0,084	5	587-1283-1-ND	0,090	10	603-CC805MKX7R7B B105	0,062	10
14	5	100n	0603	C6, C7, C8, C10, C22	2522597	C0603C104K4RAC 7081	0,011	10	490-4774-1-ND	0,029	100	80-C0603C104M4R	0,007	100
15	1	2n2	0805	C9, C30	2896572	VJ0805Y222KXAC W1BC	0,028	10	720-1604-1-ND	0,063	10	77-VJ0805Y222KXB AC	0,032	50
16	2	SS110	SMB	D1, D3	1861422	SS110B	0,097	5	SS110-TPCT-ND	0,350	1	833-SS110FL-TP	0,323	1
17	1	US1K-DIO	DO-214AA	D2	2677418	US1K	0,352	1	US1KHE3_A/HGI CT-ND	0,380	1	621-US1KSAFS-13	0,323	1
18	1	SK55	SMB	D4	1299291	SK54C	0,624	5	SK55L-TPMSCT-ND	0,440	1	833-SK55L-TP	0,434	1
19	2	BAS316	DIODESOD323R	D5, D6	8734275	BAS316,115	0,193	5	1727-7370-1-ND	0,120	1	771-BAS316-T/R	0,179	1
20	1	MAX31760AEE+		IC1	2528719	MAX31760AEE+	1,210	1	MAX31760AEE+-ND	2,400	1	700-MAX31760AEE+	1,210	1
21	1	VIPer35L		IC3	2612169	VIPER35LD	1,130	1	497-16075-5-ND	1,040	1	511-VIPER35LD	1,040	1
22	1	TL431	SOT-23-3	IC4	2095473	TL431BMFDT	0,118	5	1727-1982-1-ND	0,300	1	595-TL431ACDBZR	0,315	1
23	1	PF0030/PC		J1	428784	PF0030/PC	3,700	1	708-1914-ND	5,730	1	161-PF0030/PC	6,050	1
24	3	1-726388-2	THT; 4.8mm PE flat connector	J2, J3, J4	2308760	1-726388-2	0,090	100	1-726388-2-ND	0,230	1	571-1-726388-2	0,193	10

#	RS Components						TME			THT	SMD	Price calculation for 1 set			
	Qty	Part name	Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
1	1	DB107S	917-8966	DB107S	0,108	100	DB107S	0,130	5		1	RS	0,108 €	1	0,108
2	2	47n/400V (X2)	882-9483	B32921C3473M000	0,272	25	MKP-X2-47NR10/310	0,077	10	2		TME	0,077 €	2	0,154
3	1	2n2/1kV	723-6492	GRM31BR73A222KW01L	0,246	25	1206B222K102CT	0,030	50		1	TME	0,030 €	1	0,030
4	2	UCY2G6R8MPD	739-4551	UCA2G6R8MPD	1,008	1	UCY2G6R8MPD	0,240	5	2		TME	0,240 €	2	0,480
5	3	3n3	237-7009	GRM216R71H332KA01D	0,060	50	VJ0805Y333KXACW1BC	0,023	100		3	TME	0,023 €	3	0,069
6	1	470u/16V	845-4666	UVZ1C471MPD	0,215	25	UVZ1C471MPD	0,140	5	1		TME	0,140 €	1	0,140
7	2	4u7	691-1221	C1206C475K3RACTU	0,232	25	GCM31CR71E475KA55L	0,381	10		2	Mouser	0,129 €	2	0,258
8	1	UVZ1C471MPD	537-0657	EEEFK1V470P	0,394	5	EEEFK1V470P	0,130	5		1	TME	0,130 €	1	0,130
9	1	CY1Y-470P	736-8858	VY1471K31Y5UQ6TV0	0,100	10	CY1Y-470P	0,099	10	1		TME	0,099 €	1	0,099
10	1	1500u/16	852-5011	UPM1C152MHD1TO	0,690	1	UPW1C152MHD	0,219	25	1		TME	0,219 €	1	0,219
11	2	33n	652-0982	VJ0805Y333KXAAT	0,066	25	CL21B333KBANNNC	0,035	100		2	Mouser	0,020 €	2	0,040
12	1	18p	147-415	C0603C180J5GACTU	0,032	50	CL10C180JB8NNNC	0,015	100		1	TME	0,015 €	1	0,015
13	3	1u	451-5770	C0805C105K4RACTU	0,028	25	CL21B105KOFNNNE	0,010	100		3	TME	0,010 €	3	0,031
14	5	100n	393-6952	VJ0603Y104KXJAT	0,069	25	CL10B104KA8NNNC	0,098	100		5	Mouser	0,007 €	5	0,035
15	1	2n2	264-4359	C0805C222K5RACTU	0,031	25	VJ0805Y222KXACW1BC	0,020	100		1	TME	0,020 €	1	0,020
16	2	SS110	743-5992	SS110 R3	0,154	25	SS110-JGD	0,053	5		2	TME	0,053 €	3	0,159
17	1	US1K-DIO	751-5130	US1K-13-F	0,106	25	US1K-DIO	0,067	10		1	TME	0,067 €	1	0,067
18	1	SK55	652-6255	SK54C R6	0,472	25	SK55-DIO	0,116	5		1	TME	0,116 €	1	0,116
19	2	BAS316	397-2914	BAS316,115	0,122	50	BAS316,115	0,026	25		2	TME	0,026 €	2	0,053
20	1	MAX31760AEE+	-	-	-	-	-	-	-		1	Farnell	1,210 €	1	1,210
21	1	VIPer35L	124-1146	VIPER35LDTR	1,544	5	-	-	-		1	Digikey	1,040 €	1	1,040
22	1	TL431	797-4835	TL431BMFDT,215	0,101	30	TL431CDBZR	0,118	5		1	RS	0,101 €	1	0,101
23	1	PF0030/PC	261-5834	PF0030/PC	3,700	1	PF0030/PC	2,360	1	1		TME	2,360 €	1	2,360
24	3	1-726388-2	680-5772	1-726388-2	0,095	100	1-726388-2	0,095	10	3		Farnell	0,090 €	3	0,270

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	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
25	1	SWEB 8094 AU/GN	THT, 4mm PE connector	J5	-	-	-	-	-	-	-	-	-	-
26	1	HS-142-25	SK129-PAD	KK1	1319810	SK 129 25,4 STS	2,460	1	-	-	-	-	-	-
27	1	RLB0812-471KL	SMD; 470 uH	L1	-	-	-	-	RLB0812-471KL-ND	0,136	1	652-RLB0812-471KL	0,238	1
28	1	ECS-MPIL0630-150MC	DE0704	L2, L3	???	-	-	-	XC2408CT-ND	0,710	1	520-MPIL0630-150MC	0,500	1
29	1	OSY5LU3E34X-3F1A	THT; LED 3mm; yellow	LED1	-	-	-	-	-	-	-	-	-	-
30	1	B57236S0200M	NTC11.5X6	NTC1	9751890	B57236S0200M	0,872	1	495-3047-ND	0,780	1	871-B57236S200M	0,757	1
31	1	MOC3052	SMD; SDIP-6	OK1	2453236	MOC3052SM	0,668	1	MOC3052SM-ND	1,030	1	512-MOC3052SM	0,774	1
32	1	MOC3062	SMD; SDIP-6	OK2	2322554	MOC3062SR2VM	0,900	1	MOC3062SM-ND	1,270	1	512-MOC3062SM	0,944	1
33	1	TLP291-GB.SE-T		OK3	2524307	TLP291(GB,SE	0,196	1	-	-	-	-	-	-
34	2	BTA26-600	THT	Q1, Q2	1057286	BTA26-600BRG	3,000	1	497-2427-5-ND	3,370	1	511-BTA26-600B	3,360	1
35	3	2N7002	SOT-23	Q3, Q4, Q5	1713823	2N7002-7-F	0,118	5	2N7002LT1GOSCT-ND	0,150	1	863-2N7002LT1G	0,128	1
36	1	PSMN0R9-25YLC,115	SOT-669-4	Q6	1895396	PSMN0R9-25YLC,115	1,270	5	1727-5292-1-ND	1,590	1	771-PSMN0R925YLC115	1,320	1
37	2	2K2	0805	R1, R3	9237534	RC0805FR-072K2L	0,037	10	311-2.20KCRCT-ND	0,039	10	603-RC0805FR-072K2L	0,026	10
38	1	1R	0805	R11	2447598	MCWR08W1R00FTL	0,012	10	311-1.00CRCT-ND	0,071	10	603-RC0805FR-131RL	0,020	10
39	1	470R	0805	R12	1099798	WCR0805-470RFI	0,019	10	311-470CRCT-ND	0,039	10	71-CRCW0805470RFKEB	0,041	10
40	3	1K	0805	R13, R14, R32	1099800	WCR0805-1K0FI	0,019	10	RC0805FR-071KL	0,039	10	603-RC0805FR-071KL	0,015	10
41	5	4K7	0805	R15, R19, R27, R33, R42	2861530	CRGCQ0805F4K7	0,009	10	311-4.70KCRCT-ND	0,090	1	603-RC0805FR-074K7L	0,026	10
42	3	10R	0805	R17, R21, R28	9236643	RC1206FR-0710RL	0,050	10	311-10.0CRCT-ND	0,071	10	603-RC1206FR-0710RL	0,034	10
43	4	120R	0805	R18, R25, R30, R31	2447561	MCWR08X1200FTL	0,009	10	RMCF0805FT120RCT-ND	0,020	10	71-CRCW0805120RFKEAC	0,037	10
44	3	270R	0805	R2, R7, R37	2073716	MCMR08X271 JTL	0,009	10	RMCF0805FT270RCT-ND	0,025	10	652-CR0805FX-2700ELF	0,013	10
45	5	100K	1206	R22, R23, R24, R26, R29	2074546	MCSR12X104 JTL	0,012	10	311-100KFRCT-ND	0,065	10	279-CRGP1206F100K	0,061	10
46	2	10K	0805	R35, R39	9237755	RC0805FR-0710KL	0,022	10	311-10.0KCRCT-ND	0,039	10	603-RC0805FR-0710KL	0,014	10
47	1	1K8	0805	R38	2447595	MCWR08X1801FTL	0,009	10	A129752CT-ND	0,028	10	652-CR0805JW-182ELF	0,008	10
48	4	330R/2W	2512	R4, R6, R8, R9	1265196	3520330RJT	0,105	10	RMCF2512JT330RCT-ND	0,227	10	279-3520330RJT	0,073	10

#	RS Components						TME					Price calculation for 1 set			
	Qty	Part name	Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ	THT	SMD	Best Supplier	Lowest unit price €	Order Qty	Line Cost €
25	1	SWEB 8094 AU/GN	-				SWEB 8094 AU/GN	2,130	1	1		TME	2,130 €	1	2,130
26	1	HS-142-25	189-8139	SK129-25,4- STS-220	2,820	1	HS-142-25	1,350	1	1		TME	1,350 €	1	1,350
27	1	RLB0812-471KL	-				COIL0608-0.47	0,174	10	1		Digikey	0,136 €	1	0,136
28	1	ECS-MPIL0630-150MC	???				HPI0630-150	0,406	2		1	TME	0,406 €	1	0,406
29	1	OSY5LU3E34X-3F1A	-				OSY5LU3E34X-3F1A	0,115	5		1	TME	0,115 €	1	0,115
30	1	B57236S0200M	-				B57236S0200	0,370	5		1	TME	0,370 €	1	0,370
31	1	MOC3052	761-3690	MOC3052SM	1,030	5	MOC3052S	0,288	2		1	TME	0,288 €	1	0,288
32	1	MOC3062	806-6064	MOC3062SM	0,786	10	MOC3062XSM	0,500	1		1	TME	0,500 €	1	0,500
33	1	TLP291-GB.SE-T	144-5264	TLP291(GB- TP,SE(T	0,116	50	TLP291-GB.SE-T	0,126	5		1	RS	0,116 €	1	0,116
34	2	BTA26-600	714-0515	BTA26-600BRG	3,710	1	BTA26-600BRG	1,290	1	2		TME	1,290 €	2	2,580
35	3	2N7002	545-0012	2N7002LT1G	0,126	50	2N7002LT1G	0,025	25		3	TME	0,025 €	3	0,074
36	1	PSMN0R9-25YLC,115	798-2895	PSMN0R9- 25YLC,115	1,537	3	PSMN0R9-25YLC,115	0,992	1		1	TME	0,992 €	1	0,992
37	2	2K2	679-1207	CRCW08052K2 0FKEA	0,039	50	SMD0805-2K2-1%	0,022	100		2	TME	0,022 €	2	0,045
38	1	1R	740-9151	CR0805-J/- 1R0ELF	0,027	50	SMD0805-1R-1%	0,032	100		1	Farnell	0,012 €	1	0,012
39	1	470R	223-0376	CRG0805F470R	0,021	50	RC0805FR-07470R	0,022	100		1	Farnell	0,019 €	2	0,038
40	3	1K	223-0427	CRG0805F1K0	0,017	50	RC0805FR-071K	0,022	100		3	Mouser	0,015 €	3	0,045
41	5	4K7	223-0528	CRG0805F4K7	0,010	50	SMD0805-4K7-1%	0,022	100		5	Farnell	0,009 €	5	0,043
42	3	10R	740-9085	CR1206-FX- 10R0ELF	0,036	50	CRCW120610R0FKTA BC	0,031	100		3	TME	0,031 €	3	0,093
43	4	120R	223-0304	CRG0805F120R	0,035	50	SMD0805-120R-1%	0,022	100		4	Farnell	0,009 €	4	0,038
44	3	270R	223-0348	CRG0805F270R	0,025	50	SMD0805-270R-1%	0,023	100		3	Farnell	0,009 €	3	0,027
45	5	100K	223-2524	CRG1206F100K	0,043	50	CQ1206-100K-1%	0,020	100		5	Farnell	0,012 €	5	0,058
46	2	10K	125-1189	CRG0805F10K	0,002	100	RC0805FR-0710K	0,022	100		2	RS	0,002 €	2	0,004
47	1	1K8	223-0461	CRG0805F1K8	0,022	50	SMD0805-1K8-1%	0,022	100		1	Mouser	0,008 €	1	0,008
48	4	330R/2W	755-1224	3521330RFT	0,281	10	WF25P-330R-5%	0,072	50		4	TME	0,072 €	4	0,286

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	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
49	1	6K8	0805	R40	2447711	MCWR08X6801FT-L	0,094	10	311-6.80KCRCT-ND	0,039	10	652-CR0805FX-6801ELF	0,013	10
50	5	47K	0805	R5, R10, R14, R32, R36	2447664	MCWR08X4702FT-L	0,009	10	RHM47KKCT-ND	0,036	10	603-RC0805FR-0747KL	0,014	10
51	1	CG2-470L	THT; Surge arrester	SAR1	1846854	2027-47-BLF	1,110	1	2027-47-BLF-ND	1,200	1	652-2027-47-BLF	1,160	1
52	1	DF62J12S2AHQA	THT; PCB AC switch	SW1	2435277	DF62J12S2AHQA	4,330	1	CKN2062-ND	4,340	1	611-DF62J12S2AHQA	4,830	1
53	1	Feryster 0579	Flyback transformer	TR1	-	-	-	-	-	-	-	-	-	-
54	2	ERZE14A431 or V275LA20AP	THT; Varistor RM7.5	VAR1, VAR2	2291831	ERZE11A431	0,678	1	P16688-ND	0,460	1	667-ERZ-E11A431	0,468	1
55	1	39-28-1063	THT; Mini-Fit Jr.; 4.2mm, 6-pin	X1	9732101	39-28-1063	0,688	1	WM3802-ND	0,860	1	538-39-28-1063	0,760	1
56	1	39-30-1039	THT; Mini-Fit Jr.; 4.2mm, 3-pin	X2	1829076	39-30-1039	0,585	1	WM18442-ND	0,570	1	538-39-30-1039	0,430	1
57	1	ZL231-16PG	THT; 16-pin IDC socket; male	X3	2843530	MC-254-16-00-ST-DIP	0,220	1	ED10523-ND	0,350	1	710-61201621621	0,540	1
58	2	47053-1000	THT; 4-pin 0.1"	X4, X5; fan connector	2313705	47053-1000	0,288	100	WM4330-ND	0,371	10	538-47053-1000	0,329	10
59	1	BZT52C20-DC	SOD-123	ZD5	2077898	BZT52C20-7-F	0,168	5	1727-8128-1-ND	0,180	1	621-BZT52C20-13-F	0,170	1

Not installed														
3	N.C.	0805	C11, C12, C26											
1	LP2985-33DBVR	SOT23-5	IC2											
2	N.C.	0805	R20, R34	-										
3	Test points		TP1, TP2, TP3	-										
1	22-23-2021	22-23-2021	X6											
2	1.5KE400CA	THT; TVS bidirectional	ZD1, ZD2	2341650	1.5KE400CARL	0,722	1		1.5KE400CA-TPMSCT-ND	0,550	1	833-1.5KE400CA-TP	0,536	1
2	N.C.	SOD-123	ZD3, ZD4											

Related parts and accessories														
1	FC16150-S	16-pin IDC cable 15cm	-						H3CCS-1606G-ND	1,170	1	-		
1	MF80251V3-1000U-G99	80x80x25mm, 12Vdc fan												
4	FSP-2	Fastener for fans and protections												
1	FG-08	Finger guard; 80x80mm												
1	3248.1001	Enclosure handle												
1	47054-1000	4-pin receptacle for X4, X5	2751642	47054-1000	0,041	100			WM3285-ND	0,090	1	538-47054-1000	0,087	1
4	08-50-0114	Pins for X4, X5	1462641	08-50-0114	0,073	100			WM1114-ND	0,141	10	538-08-50-0114	0,100	10
1	39-01-4030	Receptacle for X2	9963480	39-01-4030	0,204	10			WM18434-ND	0,260	1	538-39-01-4030	0,272	1
1	39-01-2060	Receptacle for X1	151868	39-01-2060	0,277	100			WM3702-ND	0,330	1	538-39-01-2060	0,340	1
9	39-00-0078	Pins for X1, X2	9732675	39-00-0078	0,094	100			WM9154-ND	0,137	10	538-39-00-0078	0,112	10
3	ST-004/3	4.8mm terminal; flat for J2, J3, J4	-						A122464-ND	0,131	10	571-60196-3	0,132	10

#	RS Components						TME			THT	SMD	Price calculation for 1 set			
	Qty	Part name	Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
49	1	6K8	223-0540	CRG0805F6K8	0,006	50	SMD0805-6K8-1%	0,022	100		1	RS	0,006 €	1	0,006
50	5	47K	679-1434	CRCW080547K0FKEA	0,036	50	RC0805FR-0747K	0,022	100		5	Farnell	0,009 €	5	0,047
51	1	CG2-470L	878-3652	CG2-470L	1,943	10	CG2-470L	1,480	1	1		Farnell	1,110 €	1	1,110
52	1	DF62J12S2AHQA	154-3601	DF62J12S2AHQA	4,690	1	DF62J12S2AHQA	3,336	1	1		TME	3,336 €	1	3,336
53	1	Feryster 0579	-				TI-ER28-0579	6,930	1	1		TME	6,930 €	1	6,930
54	2	ERZE14A431 or V275LA20AP	785-8904	ERZE11A431	0,251	25	V275LA20AP	0,201	5	2		TME	0,201 €	2	0,402
55	1	39-28-1063	484-1906	39-28-1063	0,696	1	MX-5566-06A	0,272	2	1		TME	0,272 €	1	0,272
56	1	39-30-1039	670-5751	39-30-1039	0,584	5	MX-5566-03A3	0,548	1	1		Mouser	0,430 €	1	0,430
57	1	ZL231-16PG	771-8357	61201621621	0,540	1	ZL231-16PG	0,130	5	1		TME	0,130 €	1	0,130
58	2	47053-1000	144-8185	470531000	0,322	10	MX-47053-1000	0,108	5	2		TME	0,108 €	2	0,216
59	1	BZT52C20-DC	822-2214	BZT52C20S-7-F	0,093	100	BZT52C20-DC	0,053	10		1	TME	0,053 €	1	0,053
											26	80			
															29,89 €

Not installed															
3	N.C.										3	Farnell	0,000 €	3	0,000
1	LP2985-33DBVR										1	Farnell	0,000 €	1	0,000
2	N.C.										2	Farnell	0,000 €	2	0,000
3	Test points						TEST-5	0,082	10	3		TME	0,082 €	3	0,246
1	22-23-2021										1	Farnell	0,000 €	1	0,000
2	1.5KE400CA	486-4381	1.5KE400CA	0,932	5	1.5KE400CA	0,316	3	2			TME	0,316 €	2	0,632
2	N.C.										2				

Related parts and acces:															
1	FC16150-S						FC16150-S	1,310	1			Digikey	1,170 €	1	1,170
1	MF80251V3-1000U-G99						MF80251V3-1000U-G99	2,040	1			TME	2,040 €	1	2,040
4	FSP-2						FSP-2	0,142	5			TME	0,142 €	4	0,566
1	FG-08						FG-08	0,524	1			TME	0,524 €	1	0,524
1	3248.1001						MR-3248.1001	4,350	1			TME	4,350 €	1	4,350
1	47054-1000	720-5990	47054-1000	0,215	10	MX-47054-1000	0,036	20				TME	0,036 €	1	0,036
4	08-50-0114	172-9178	08-50-0114	0,075	100	MX-0850-0114	0,058	10				TME	0,058 €	4	0,231
1	39-01-4030	510-9685	39-01-4030		5	MX-5557-03R2	0,159	5				TME	0,159 €	1	0,159
1	39-01-2060	484-1760	39-01-2060	0,280	5	MX-5557-06R	0,104	5				TME	0,104 €	1	0,104
9	39-00-0078	215-5887	39-00-0078	0,154	100	MX-5556-T3L	0,082	10				TME	0,082 €	9	0,735
3	ST-004/3	719-6987	60196-3	0,096	100	ST-004/3	0,042	20	3			TME	0,042 €	3	0,127
															10,04 €

#						Farnell / Element14			Digi-Key			Mouser		
	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ

Custom made components

1	PCB 2-layer 230.5 x 60 mm	ALLPCB.com	-
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All prices are net prices (without VAT)

Please note that BOM does not contain ordering number for parts on reels or that which includes re-reeling fee (e.g. Farnell). Take also into account that total cost is higher because min. quantity (MOQ) for many parts is larger then what is needed for single unit.

All resistors are 1% 0805 and all capacitors are X7R 0805 if not otherwise specified.

#	RS Components						TME					Price calculation for 1 set			
	Qty	Part name	Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ	THT	SMD	Best Supplier	Lowest unit price €	Order Qty	Line Cost €
Custom made componer															
1		PCB 2-layer 230.5 x 60 mm										ALLPCB	6,200 €	1	6,200
														6,20 €	
														Total	46,13 €