

EEZ DIB DCM220 BOM (r1B2, 2019-06-29)
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	3	4n7/100V	1206, 100V	C1, C2, C3	2812433	885012207120	0,069	10	1276-2524-1-ND	0,059	10	710-885012207120	0,033	10
2	1	330p	C0G, 0805	C11	1414686	C0805C331J5GAC TU	0,054	10	1276-1189-1-ND	0,049	10	80-C0805C331J5G	0,036	10
3	2	22u	1206	C12, C13	2112754	MC1206X226M100 CT	0,616	5	1276-1287-1-ND	0,265	10	963-LMK316ABJ226 ML-T	0,155	10
4	1	18p	C0G, 0603	C16	2896373	VJ0603A180JXAC W1BC	0,016	10	1276-1089-1-ND	0,048	10	80-C0603C180J5G7 867	0,023	10
5	6	10n	0805	C19, C23, C33, C34, C60, C83	2896555	VJ0805Y103JXXP W1BC	0,065	10	490-7194-1-ND	0,017	10	710-885012207122	0,036	10
6	6	1u	0805	C22, C35, C47, C51, C70, C74	2896566	VJ0805Y105KXXT W1BC	0,084	5	587-1283-1-ND	0,090	10	603-CC805MKX7R7B B105	0,062	10
7	3	100p	C0G, 0805	C36, C43, C66	2896861	C0805C101JAGAC TU	0,023	10	399-15000-1-ND	0,019	10	80-C0805C101K5G	0,032	10
8	4	3n3	0805	C38, C39, C40, C41	2896578	VJ0805Y332KXAC W1BC	0,025	10	1276-1260-1-ND	0,039	10	80-C0805C332K5R	0,024	10
9	7	4u7	1206	C4, C5, C14, C26, C27, C44, C67	1907356	C3216X7R1E475K 160AC	0,240	5	1276-2970-1-ND	0,199	10	963-EMK316B7475M L-T	0,129	10
10	4	EEEFK1V470P	ECAPSMD8.3MM/HA0	C42, C55, C65, C78	9695850	EEEFK1V470P	0,368	1	PCE3842CT-ND	0,460	1	667-EEE-FK1V470P	0,445	1
11	4	10u	1210, 50V	C45, C46, C68, C69	2672214	GRT31CR61H106 KE01L	0,684	5	1276-6736-1-ND	0,184	10	810-C3216X7R1HK1 60AC	0,597	10
12	2	220n	0805	C48, C71	2320828	MC0805B224J250 CT	0,087	5	1276-6477-1-ND	0,520	10	963-EMK212B7224K G-T	0,059	10
13	6	22u	1210, 25V	C49, C53, C54, C72, C76, C77	2320935	MC1210X226K250 CT	1,490	1	1276-3373-1-ND	0,369	10	603-CC121KKX7R8B B226	0,777	10
14	4	10n/200V	1206	C50, C57, C73, C80	2812560	885342207005	0,078	5	311-4491-1-ND	0,150	10	603-C1206KRX7RAB B103	0,129	10
15	2	UVZ1E102MPD	THT; Ø10mm: RM5	C56, C79	9451226	MCGPR25V108M1 0X21	0,388	1	93-1305-ND	0,500	1	UVZ1E102MPD1 CM	0,376	1
16	2	470p	0805	C58, C81	1759217	MC0805N471J500 CT	0,061	10	732-7837-1-ND	0,059	10	710-885012007038	0,056	10
17	2	33n	0805	C59, C82	2627479	MC0805B333K250 CT	0,046	10	1276-1796-1-ND	0,057	10	710-885012207069	0,036	10
18	3	2u2	1206, 50V	C6, C9, C21					1276-2723-1-ND	0,132	10	80-C1206C225M5R ECLR	0,106	10
19	2	4n7	C0G, 0805	C61, C84	1828942	GRM2165C1H472J A01D	0,184	10	732-12255-1-ND	0,162	10	810-C2012C0G1H47 2J-1	0,072	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	3	4n7/100V	723-6394	GRM219R72A4 72KA01D	0,029	100	08051C472KAT2A	0,025	100		3	TME	0,025 €	3	0,074
2	1	330p	176-3198	0805N331J500C T	0,037	200	CL21C331JBANNNC	0,029	100		1	TME	0,029 €	1	0,029
3	2	22u	172-1532	LMK316ABJ226 KL	0,095	50	CL31A226MOCLNNC	0,083	100		2	TME	0,083 €	2	0,166
4	1	18p	147-415	C0603C180J5G ACTU	0,032	50	CL10C180JB8NNNC	0,015	100		1	TME	0,015 €	1	0,015
5	6	10n	464-6672	08055C103KAT 2A	0,026	50	CC0805KRX7R9103	0,027	100		6	Digikey	0,017 €	6	0,102
6	6	1u	451-5770	C0805C105K4R ACTU	0,028	25	CL21B105KOFNNNE	0,010	100		6	TME	0,010 €	6	0,062
7	3	100p	461-3997	CC0805JRNP09 BN101	0,030	50	CL21C101JBANNNC	0,026	100		3	Digikey	0,019 €	3	0,057
8	4	3n3	237-7009	GRM216R71H3 32KA01D	0,060	50	VJ0805Y333KXACW1 BC	0,023	100		4	TME	0,023 €	4	0,092
9	7	4u7	691-1221	C1206C475K3R ACTU	0,232	25	GCM31CR71E475KA5 5L	0,381	10		7	Mouser	0,129 €	7	0,903
10	4	EEEFK1V470P	537-0657	EEEFK1V470P	0,422	1	EEEFK1V470P	0,130	5		4	TME	0,130 €	4	0,520
11	4	10u	103-4163	UMK316BBJ106 KL-T	0,236	20	CL31A106KBHNNNE	0,546	10		4	Digikey	0,184 €	4	0,736
12	2	220n	103-4126	UMK212B7224K G-T	0,039	50	CL21B224KAFNNNE	0,022	100		2	TME	0,022 €	2	0,044
13	6	22u	766-1182	CL32A226KAJN NNE	0,343	10	CL32A226KAJNNNE	0,158	10		6	TME	0,158 €	6	0,948
14	4	10n/200V	669-8647	CC1206KRX7R ABB103	0,128	25	VJ1206Y103KXCTW1 BC	0,019	100		4	TME	0,019 €	4	0,076
15	2	UVZ1E102MPD	845-4685	UVZ1E102MPD	0,353	25	UVZ1E102MPD	0,250		2		TME	0,250 €	2	0,500
16	2	470p	378-700	0805CG471J9B B	0,040	25	CC0805JRNP09BN47 1	0,024	100		2	TME	0,024 €	2	0,048
17	2	33n	135-6639	08051C333KAT 2A	0,021	100	CC0805KRX7R9333	0,016	100		2	TME	0,016 €	2	0,032
18	3	2u2	184-3509	UMK316B7225K LHT	0,151	10	CL31B225KBHNNNE	0,029	50		3	TME	0,029 €	3	0,086
19	2	4n7	741-4529	C2012C0G1H47 2J060AA	0,056	100	GRM2165C1H472JA0 1D	0,021	100		2	TME	0,021 €	2	0,042

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20	16	100n	0603	C7, C8, C10, C15, C17, C18, C20, C24, C25, C28, C29, C32, C37, C62, C63, C64	2522597	C0603C104K4RAC7081	0,011	10	490-4774-1-ND	0,029	100	80-C0603C104M4R	0,007	100
21	4	SKL16	SOD-123	D1, D2, D3, D5	2673070	RB160MM-60TR	0,282	5	RB160MM-60CT-ND	0,264	10	755-RB160MM-60TR	0,233	10
22	1	BLM18AG102SH1D	0603	FB1	1669708	MMZ1608Y102B	0,072	10	490-7809-1-ND	0,052	50	81-BLM18AG102SH1D	0,063	10
23	1	Si8662AB-B-IS1	SOIC-16	IC1	2423351	Si8662AB-B-IS1	1,850	1	Si8662AB-B-IS1-ND	1,920	1	634-Si8662AB-B-IS1	1,760	1
24	2	LT3763EFE#PBF	TSSOP-28	IC10, IC12	-				LT3763EFE#PBF-ND	4,950	1	584-LT3763EFE#PBF	4,830	1
25	1	MC33274ADR2G	SOIC-16	IC11	2531387	MC33274ADR2G	1,010	1	MC33274ADR2G OSCT-ND	1,190	1	863-MC33274ADR2G	1,020	1
26	1	TPS54060DGQ	MSOP-10	IC2	1710820	TPS54060DGQ .	3,030	1	296-37148-1-ND	2,630	1	595-TPS54060DGQR	2,490	1
27	1	Si8641AB-B-IS1	SOIC-16	IC3	2423288	Si8641AB-B-IS1	1,460	1	Si8641AB-B-IS1-ND	1,530	1	634-Si8641AB-B-IS1	1,410	1
28	1	M24C32-WMN6P	SOIC-8	IC4	1224413	M24C32-WMN6P	0,212	5	-			511-M24C32-WMN6P	0,210	1
29	1	LP2985-33DBVR	SOT-23-5	IC5	1053660	LP2985A-33DBVTE4 .	0,610	1	296-18476-1-ND	0,540	1	595-LP2985-33DBVR	0,507	1
30	1	MAX5715BAUD+	TSSOP-14	IC7	2514616	MAX5715BAUD+	4,140	1	MAX5715BAUD+-ND	5,190	1	700-MAX5715BAUD+	4,100	1
31	1	STM32F373C8T6	LQFP-48	IC8	2333274	STM32F373C8T6	4,420	1	497-13306-ND	3,940	1	511-STM32F373C8T6	3,840	1
32	1	MC33272ADR2G	SOIC-8	IC9	2531389	MC33272ADR2G	0,854	1	MC33272ADR2G OSCT-ND	0,910	1	863-MC33272ADR2G	0,865	1
33	1	4907	THT, PCB terminal; 4.8mm	J1	-				36-4907-ND	0,260	1	534-4907	0,257	1
34	2	571-0500	THT, Ø4 mm terminal; red	J2, J4	1101127	571-0500-01	1,720	5	-			164-6219	2,040	1
35	2	571-0100	THT, Ø4 mm terminal; black	J3, J5	1101128	571-0100-01	1,740	5	-			164-6218	1,840	1
36	1	RN112-4-02-0M7	THT, Current-compensated Choke	L1	-				817-2100-ND	1,560	1	631-RN112-4-02-0M7	1,400	1
37	2	125CDMCCDS-330MC	Power inductor	L2, L4	2211631	7443551331	3,930	1	308-2568-1-ND	1,510	1	851-125CDMCCDS330MC	1,590	1
38	2	HPI0630-3R3	Power inductor	L3, L5	1741325	IHLP2020CZER3R3M11	1,940	5	445-180834-1-ND	0,510	1	810-VLS6045AF-3R3N	0,510	1
39	2	WP42WUM/EGW	THT, dual (green/red) 3 mm LED	LED1, LED2	-				754-1718-ND	0,930	1	604-WP42WUM/EGW	0,926	1

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20	16	100n	393-6952	VJ0603Y104KXJ AT	0,069	25	CL10B104KA8NNNC	0,098	100		16	Mouser	0,007 €	16	0,112
21	4	SKL16	124-6774	RB160MM-60TR	0,230	40	SKL16-DIO	0,105	5		4	TME	0,105 €	4	0,420
22	1	BLM18AG102SH1D	839-0803	BLM18AG102S H1D	0,043	100	BLM18AG102SH1D	0,016	50		1	TME	0,016 €	1	0,016
23	1	Si8662AB-B-IS1	823-2062	Si8662AB-B-IS1	1,870	5	-				1	Mouser	1,760 €	1	1,760
24	2	LT3763EFE#PBF	-								2	Mouser	4,830 €	2	9,660
25	1	MC33274ADR2G	773-7787	MC33274ADR2 G	1,010	2	MC33274ADR2G	0,740	1		1	TME	0,740 €	1	0,740
26	1	TPS54060DGQ	698-9079	TPS54060DGQ	2,680	1	-				1	Mouser	2,490 €	1	2,490
27	1	Si8641AB-B-IS1	823-2000	Si8641AB-B-IS1	1,496	5	-				1	Mouser	1,410 €	1	1,410
28	1	M24C32-WMN6P	686-2453	M24C32- WMN6P	0,180	25	M24C32-WMN6P	0,165	3		1	TME	0,165 €	1	0,165
29	1	LP2985-33DBVR	660-6733	LP2985-33DBVT	0,737	1	LP2985-33DBVR	0,362	1		1	TME	0,362 €	1	0,362
30	1	MAX5715BAUD+	-				-				1	Mouser	4,100 €	1	4,100
31	1	STM32F373C8T6	795-9164	STM32F373C8T 6	2,060	1	-				1	RS	2,060 €	1	2,060
32	1	MC33272ADR2G	773-7778	MC33272ADR2 G	0,865	1	MC33272ADR2G	0,570	1		1	TME	0,570 €	1	0,570
33	1	4907	-				61-1537-11/0031	0,049	10		1	TME	0,049 €	1	0,049
34	2	571-0500	103-6511	571-0500	1,216	5	571-0500	0,620	3		2	TME	0,620 €	2	1,240
35	2	571-0100	103-6527	571-0100	1,334	5	571-0100	0,620	3		2	TME	0,620 €	2	1,240
36	1	RN112-4-02-0M7	-				-				1	Mouser	1,400 €	1	1,400
37	2	125CDMCCDS-330MC	-				-				2	Digikey	1,510 €	2	3,020
38	2	HPI0630-3R3	-				HPI0630-3R3	0,335	1		2	TME	0,335 €	2	0,670
39	2	WP42WUM/EGW	-				L-42WUM/1EGWT	0,501	1		2	TME	0,501 €	2	1,002

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40	2	NTCS0805E3103JMT	NTC 0805	NTC1, NTC2	2103177	NTCS0805E3103JMT	0,399	10	BC2292CT-ND	0,490	1	594-2381-615-53103	0,353	10
41	4	IRFR7546TRPBF	DDPAK	Q1, Q2, Q5, Q6	2456720	IRFR7546TRPBF	0,773	5	IRFR7546TRPBFCT-ND	0,880	1	942-IRFR7546TRPBF	0,777	1
42	2	2N7002	SOT-23	Q3, Q7	1713825	2N7002K-7	0,148	5	T2N7002AKLMCT-ND	0,126	10	757-T2N7002AKLM	0,113	10
43	2	BSS84P	SOT-23	Q4, Q8	1056526	BSS84PH6327XTSA2	0,224	5	BSS84PH6433XTMA1CT-ND	0,314	10	726-BSS84PH6327XTSA2	0,196	10
44	1	4K7/2W	2512	R1	2081875	ASC2512-4K7FT4	0,195	10	A130729CT-ND	0,331	10	279-CRGP2512F4K7	0,180	10
45	6	10K	0805	R10, R11, R12, R13, R14, R15	9237755	RC0805FR-0710KL	0,022	10	311-10.0KCRCT-ND	0,039	10	603-RC0805FR-0710KL	0,014	10
46	2	3K3	0805	R16, R17										
47	4	1K	0805	R18, R19, R20, R21	1099800	WCR0805-1K0FI	0,019	10	RC0805FR-071KL	0,039	10	603-RC0805FR-071KL	0,015	10
48	7	10R	0805	R2, R4, R5, R28, R29, R51, R52	9236643	RC1206FR-0710RL	0,050	10	311-10.0CRCT-ND	0,071	10	603-RC1206FR-0710RL	0,034	10
49	4	20K	0805	R22, R25, R45, R48	2447603	MCWR08X2002FTL	0,009	10	A126349CT-ND	0,047	10	RCG080520K0FKEA	0,034	50
50	6	12K	0805	R23, R26, R40, R46, R49, R63	2447563	MCWR08X1202FTL	0,010	10	A126337CT-ND	0,047	10	71-CRCW080512K0FKEA	0,058	10
51	4	0R	0805	R24, R30, R47, R53	2747563	MCWR08X0000FTL	0,006	10	RMCF0805ZT0R00CT-ND	0,019	10	603-RC0805FR-070RL	0,023	10
52	2	R012/2W	2512	R27, R50	2483605	TLM3AER012JTE	0,161	10	YAG2164CT-ND	0,491	10	279-RLP73V3AR012FTDF	0,347	10
53	5	47K	0805	R3, R36, R37, R59, R60	2447664	MCWR08X4702FTL	0,009	10	RHM47KKCT-ND	0,036	10	603-RC0805FR-0747KL	0,014	10
54	4	30K	0805	R33, R38, R56, R61	2303701	ERJ6ENF3002V	0,058	10	P30.0KCCT-ND	0,085	10	603-RC0805FR-0730KL	0,014	10
55	2	3K9	0805	R39, R62										
56	2	3K6	0805	R41, R64										
57	2	120R	0805	R42, R65	2447561	MCWR08X1200FTL	0,009	10	RMCF0805FT120RCT-ND	0,020	10	71-CRCW0805120RFKEAC	0,037	10
58	2	11K8	0805	R43, R66										
59	2	15K	0805	R44, R67	1099808	WCR0805-15KFI	0,019	10	A126341CT-ND	0,041	10	71-CRCW080515K0FKEBC	0,013	10
60	3	2K2	0805	R6, R32, R55	9237534	RC0805FR-072K2L	0,037	10	311-2.20KCRCT-ND	0,039	10	603-RC0805FR-072K2L	0,026	10
61	6	86K6	0805	R7, R9, R34, R35, R57, R58	2303750RL	ERJ6ENF8662V	0,058	10	311-86.6KCRCT-ND	0,036	10	603-RT0805FRE0786K6L	0,056	10
62	1	330R	0805	R8	2695037	MCWR08X331 JTL	0,009	10	A129743CT-ND	0,045	10	652-CR0805FX-3300ELF	0,013	10

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40	2	NTCS0805E3103JMT	179-3950	NTCS0805E3103JMT	0,250	250	NTCS0805E3103JMT	0,113	15		2	TME	0,113 €	2	0,226
41	4	IRFR7546TRPBF	130-0990	IRFR7546TRPBF	0,619	10	IRFR7546TRPBF	0,470	3		4	TME	0,470 €	4	1,880
42	2	2N7002	671-0312	2N7002	1,250	20	2N7002LT1G	0,019	25		2	TME	0,019 €	2	0,038
43	2	BSS84P	-				BSS84P	0,060	10		2	TME	0,060 €	2	0,120
44	1	4K7/2W	224-0424	35204K7JT	1,370	10	CRCW25124K70FKTHBC	0,113	10		1	TME	0,113 €	1	0,113
45	6	10K	125-1189	CRG0805F10K	0,002	100	RC0805FR-0710K	0,022	100		6	RS	0,002 €	6	0,012
46	2	3K3									2	Farnell	0,000 €	2	0,000
47	4	1K	223-0427	CRG0805F1K0	0,017	50	RC0805FR-071K	0,022	100		4	Mouser	0,015 €	4	0,060
48	7	10R	740-9085	CR1206-FX-10R0ELF	0,036	50	CRCW120610R0FKTA BC	0,031	100		7	TME	0,031 €	7	0,217
49	4	20K	679-1077	CRCW080520K0FKEA	0,038	50	RC0805FR-0720K	0,035	100		4	Farnell	0,009 €	4	0,038
50	6	12K	223-0578	CRG0805F12K	0,020	50	SMD0805-12K-1%	0,014	100		6	Farnell	0,010 €	6	0,059
51	4	0R	-				CQ0805-0R-1%	0,028	100		4	Farnell	0,006 €	4	0,025
52	2	R012/2W	869-5467	TLM3AER012FTE	0,204	10	LRP2512-R012-1%	0,145	10		2	TME	0,145 €	2	0,290
53	5	47K	679-1434	CRCW080547K0FKEA	0,036	50	RC0805FR-0747K	0,022	100		5	Farnell	0,009 €	5	0,047
54	4	30K	-				SMD0805-30K-1%	0,022	100		4	Mouser	0,014 €	4	0,056
55	2	3K9									2	Farnell	0,000 €	2	0,000
56	2	3K6									2	Farnell	0,000 €	2	0,000
57	2	120R	223-0304	CRG0805F120R	0,035	50	SMD0805-120R-1%	0,022	100		2	Farnell	0,009 €	2	0,019
58	2	11K8									2	Farnell	0,000 €	2	0,000
59	2	15K	223-0584	CRG0805F15K	0,023	50	SMD0805-15K	0,013	100		2	Mouser	0,013 €	2	0,026
60	3	2K2	679-1207	CRCW08052K20FKEA	0,039	50	SMD0805-2K2-1%	0,022	100		3	TME	0,022 €	3	0,067
61	6	86K6	-				CRCW080586K6FKTA BC	0,025	100		6	TME	0,025 €	6	0,150
62	1	330R	223-0354	CRG0805F330R	0,040	50	SMD0805-330R-1%	0,015	100		1	Farnell	0,009 €	1	0,009

#	Qty	Part name	Package	Reference designator	Code	Farnell / Element14			Digi-Key			Mouser		
						Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
63	1	DR1206-33R-4/8	R_ARRAY4	RN1	1770128	CAY16-330J4LF	0,069	10	CAY16-330J4LFCT-ND	0,090	1	652-CAY16-330J4LF	0,085	1
64	1	SRF0703-821M	0703	TR1	1852832	SRF0703-821M	0,827	1	SRF0703-821MCT-ND	0,900	1	652-SRF0703-821M	0,681	1
65	1	39-30-1020	THT, Minifit Jr. 2-pin, right angle	X1	9732080	39-28-1023	0,367	1	WM3800-ND	0,530	1	538-39-28-1023	0,530	1
66	1	77317-104-28LF	THT, 28-pin 0.1" header right angled	X2	-				S2111EC-14-ND	1,030	1	649-77317-104-28LF	1,540	1
67	1	ZL263-10DG	THT, 10-pin 0.1" receptacle right angled	X4	1841243	613010243121	0,910	1	S9202-ND	0,720	1	710-613010243121	0,950	1
68	1	SMAJ51A	SMA	ZD1	2677667	SMAJ51A	0,144	5	SMAJ51ALFCT-ND	0,370	1	652-SMAJ51A	0,463	1

Not installed														
3	N.C.	0805		C37, C53, C76										
1	100n	0603		C24	2522597	C0603C104K4RAC7081	0,011	10	490-4774-1-ND	0,029	100	80-C0603C104M4R	0,007	100
2	18p	C0G, 0603		C30, C31										
2	N.C.	SMA		D4, D6										
1	TPD4E001DRLR			IC6										
2	N.C.	1206		R31, R54										
1	2mm jumper	THT		JP1										
1	DR1206-33R-4/8	R_ARRAY4		RN2	1770128	CAY16-330J4LF	0,069	10	CAY16-330J4LFCT-ND	0,090	1	652-CAY16-330J4LF	0,085	1
1	22-23-2061	THT		X3										
1	LF XTAL026392			Y1										

Related parts and accessories														
2	PCB-MB-01	PCB bracket; polyamide	KK1, KK2	-					-			-		
2	ICKSMDB13SA	Miniature heatsink 13 x 19		4302254	ICK SMD B 13 SA	0,782	5		-			-		
1	LRS-150F-48	Mean Well 48 Vdc power module		2815982	LRS-150F-48	21,150	1		1866-3328-ND	23,460	1	709-LRS150F-48	23,330	1
1	TBC-07	Terminal cover for Mean Well power module		-					1866-4907-ND	0,260	1	709-TBC-07	0,292	1

Custom made components														
1	PCB	2-layer 145 x 95 mm, 2 oz. Cu - thickness												

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.

#	RS Components						TME					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 €
63	1	DR1206-33R-4/8	522-5670	CAY16-330J4LF	0,004	50	DR1206-33R-4/8	0,009	100	1	RS	0,004 €	1	0,004	
64	1	SRF0703-821M	-				-			1	Mouser	0,681 €	1	0,681	
65	1	39-30-1020	484-1883	39-28-102	0,354	5	MX-39-30-1020	0,339	5	1	TME	0,339 €	1	0,339	
66	1	77317-104-28LF	-				-			1	Digikey	1,030 €	1	1,030	
67	1	ZL263-10DG	826-7194	613010243121	0,950	1	ZL263-10DG	0,301	2	1	TME	0,301 €	1	0,301	
68	1	SMAJ51A	171-4238	SMAJ51A	0,320	25	SMAJ51A-LF	0,201	3	1	Farnell	0,144 €	1	0,144	
										13	176				42,97 €

Not installed																
3	N.C.									3	Farnell	0,000 €	3	0,000		
1	100n	393-6952	VJ0603Y104KXJ	0,069	25	CL10B104KA8NNNC	0,098	100	1	Mouser	0,007 €	1	0,007			
			AT													
2	18p									2	Farnell	0,000 €	2			
2 N.C.																
1 TPD4E001DRLR									1	Farnell	0,000 €	1				
2 N.C.																
1 2mm jumper									1	Farnell	0,000 €	1				
1 DR1206-33R-4/8					522-5670	CAY16-330J4LF	0,004	50	DR1206-33R-4/8	0,009	100	1	RS		0,004 €	1
1 22-23-2061									1	Farnell	0,000 €	1				
1 LF XTAL026392									1	Farnell	0,000 €	1				

Related parts and acces:													
2	PCB-MB-01	-				PCB-MB-01	0,091	10		TME	0,091 €	2	0,182
2	ICKSMDB13SA	-				ICKSMDB13SA	0,570	2		TME	0,570 €	2	1,140
1	LRS-150F-48	106-5854	LRS-150F-48	21,730	1	LRS-150F-48	15,650	1		TME	15,650 €	1	15,650
1	TBC-07	-				TBC-07	0,260	1		Digikey	0,260 €	1	0,260
													17,23 €

Custom made componer										
1	PCB						ALLPCB	7,387 €	1	7,387
										7,39 €

Total 67,59 €

#	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

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 €