

EEZ DIB DCM220 BOM (r1B2, 2019-07-12)
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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	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ		Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
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
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	DPAK	Q1, Q2, Q5, Q6	2456720	IRFR7546TRPBF	0,773	5		IRFR7546TRPBF CT-ND	0,880	1	942-IRFR7546TRPBF	0,777	1
42	2	2N7002	SOT-23	Q3, Q7	1713825	2N7002K-7	0,148	5		T2N7002AKLMC T-ND	0,126	10	757-T2N7002AKLM	0,113	10

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	Qty	Part name	Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
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
40	2	NTCS0805E3103JMT	179-3950	NTCS0805E310 3JMT	0,250	250	NTCS0805E3103JMT	0,113	15		2	TME	0,113 €	2	0,226
41	4	IRFR7546TRPBF	130-0990	IRFR7546TRPB F	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

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						Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
43	2	BSS84P	SOT-23	Q4, Q8	1056526	BSS84PH6327XTS A2	0,224	5	BSS84PH6433X TMA1CT-ND	0,314	10	726- BSS84PH6327X TSA2	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	2447651	MCWR08X3301FT L	0,010	10	A129755CT-ND	0,045	10			
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	MCWR08X2002FT L	0,009	10	A126349CT-ND	0,047	10	RCG080520K0F KEA	0,034	50
50	6	12K	0805	R23, R26, R40, R46, R49, R63	2447563	MCWR08X1202FT L	0,010	10	A126337CT-ND	0,047	10	71- CRCW080512K0 FKEA	0,058	10
51	4	0R	0805	R24, R30, R47, R53	2747563	MCWR08X0000FT L	0,006	10	RMCF0805ZT0R 00CT-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- RLP73V3AR012 FTDF	0,347	10
53	5	47K	0805	R3, R36, R37, R59, R60	2447664	MCWR08X4702FT L	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	2447654	MCWR08X3901FT L	0,010	10	A126369CT-ND	0,018	100	652-CR0805FX- 3901ELF	0,008	10
56	2	3K6	0805	R41, R64	2447652	MCWR08X3601FT L	0,010	10	RMCF0805FT3K 60CT-ND	0,010	100	603- RT0805FRE073 K6L	0,017	100
57	2	120R	0805	R42, R65	2447561	MCWR08X1200FT L	0,009	10	RMCF0805FT12 0RCT-ND	0,020	10	71- CRCW0805120R FKEAC	0,037	10
58	2	11K8	0805	R43, R66	2138981	CRCW080511K8F KEA.	0,040	10	311-11.8KCRCT- ND	0,037	10	603-RC0805FR- 0711K8L	0,010	100
59	2	15K	0805	R44, R67	1099808	WCR0805-15KFI	0,019	10	A126341CT-ND	0,041	10	71- CRCW080515K0 FKEBC	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- RT0805FRE0786 K6L	0,056	10
62	1	330K	0805	R8	2447637	MCWR08X3303FT L	0,010	10	A126361CT-ND	0,046	10	652-CR0805FX- 3303ELF	0,013	10
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

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43	2	BSS84P	-				BSS84P	0,060	10		2	TME	0,060 €	2	0,120
44	1	4K7/2W	224-0424	35204K7JT	1,370	10	CRCW25124K70FKTH BC	0,113	10		1	TME	0,113 €	1	0,113
45	6	10K	125-1189	CRG0805F10K	0,002	100	0805S8F1002T5E	0,014	100		6	RS	0,002 €	6	0,012
46	2	3K3	223-0499	CRG0805F3K3	0,027	50	805S8F3301T5E	0,015	100		2	Farnell	0,010 €	2	0,019
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	CRCW080520K 0FKEA	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	TLM3AER012FT E	0,204	10	LRP12FTWRR012	0,145	10		2	TME	0,145 €	2	0,290
53	5	47K	679-1434	CRCW080547K 0FKEA	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	223-0506	CRG0805F3K9	0,021	50	0805S8F3901T5E	0,015	100		2	Mouser	0,008 €	2	0,016
56	2	3K6	865-4425	ERJU06F3601V	0,039	50	0805S8F3601T5E	0,007	100		2	TME	0,007 €	2	0,014
57	2	120R	223-0304	CRG0805F120R	0,035	50	0805S8F1200T5E	0,022	100		2	Farnell	0,009 €	2	0,019
58	2	11K8	679-0847	CRCW080511K 8FKEA	0,036	50	0805S8F1182T5E	0,014	100		2	Mouser	0,010 €	2	0,020
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	CRCW08052K2 0FKEA	0,039	50	0805S8F2201T5E	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	330K	679-1272	CRCW0805330 KFKEA	0,038	50	SMD0805-330K-1%	0,015	100		1	Farnell	0,010 €	1	0,010
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

#	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
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	3	SMAJ51A	SMA	ZD1, ZD2, ZD3	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, 1 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.

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 €
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	3	SMAJ51A	171-4238	SMAJ51A	0,320	25	SMAJ51A-LF	0,201	3		3	Farnell	0,144 €	3	0,432
											13	178			
43,33 €															
Not installed															
3	N.C.										3	Farnell	0,000 €	3	0,000
1	100n	393-6952	VJ0603Y104KXJ AT	0,069	25	CL10B104KA8NNNC	0,098	100		1	Mouser	0,007 €	1	0,007	
2	18p										2	Farnell	0,000 €	2	0,000
2	N.C.														
1	TPD4E001DRLR										1	Farnell	0,000 €	1	0,000
2	N.C.														
1	2mm jumper										1	Farnell	0,000 €	1	0,000
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	
1	22-23-2061										1	Farnell	0,000 €	1	0,000
1	LF XTAL026392										1	Farnell	0,000 €	1	0,000
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	
														67,95 €	

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

				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 €