EEZ DIB DCM220 BOM (r1B2, 2019-06-26)

Project source code at https://github.com/eez-open/modular-psu

#	Qty	Part name	Package	Reference designator	Farnell / Element14				Digi-Key			Mouser		
					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	C0805C331J5GACTU	0,054	10	1276-1189-1-ND	0,049	10	80-C0805C331J5G	0,036	10
3	2	22u	1206	C12, C13	2112754	MC1206X226M100CT	0,616	5	1276-1287-1-ND	0,265	10	963-LMK316ABJ226ML-T	0,155	10
4	1	18p	C0G, 0603	C16	2896373	VJ0603A180JXACW1BC	0,016	10	1276-1089-1-ND	0,048	10	80-C0603C180J5G7867	0,023	10
5	6	10n	0805	C17, C23, C33, C34, C61, C84	2896555	VJ0805Y103JXXPW1BC	0,065	10	490-7194-1-ND	0,017	10	710-885012207122	0,036	10
6	6	1u	0805	C22, C35, C48, C52, C71, C75	2896566	VJ0805Y105KXXTW1BC	0,084	5	587-1283-1-ND	0,090	10	603-CC805MKX7R7BB105	0,062	10
7	4	3n3	0805	C39, C40, C41, C42	2896578	VJ0805Y332KXACW1BC	0,025	10	1276-1260-1-ND	0,039	10	80-C0805C332K5R	0,024	10
8	7	4u7	1206	C4, C5, C14, C26, C27, C45, C68	1907356	C3216X7R1E475K160AC	0,240	5	1276-2970-1-ND	0,199	10	963-EMK316B7475ML-T	0,129	10
9	4	EEEFK1V470P	ECAPSMD8.3MM/HA0	C43, C56, C66, C79	9695850	EEEFK1V470P	0,368	1	PCE3842CT-ND	0,460	1	667-EEE-FK1V470P	0,445	1
10	2	100p	C0G, 0805	C44, C67	2896861	C0805C101JAGACTU	0,023	10	399-15000-1-ND	0,019	10	80-C0805C101K5G	0,032	10
11	4	10u	1210, 50V	C46, C47, C69, C70	2672214	GRT31CR61H106KE01L	0,684	5	1276-6736-1-ND	0,184	10	810-C3216X7R1HK160AC	0,597	10
12	2	220n	0805	C49, C72	2320828	MC0805B224J250CT	0,087	5	1276-6477-1-ND	0,520	10	963-EMK212B7224KG-T	0,059	10
13	6	22u	1210, 25V	C50, C54, C55, C73, C77, C78	2320935	MC1210X226K250CT	1,490	1	1276-3373-1-ND	0,369	10	603-CC121KKX7R8BB226	0,777	10
14	4	10n/200V	1206	C51, C58, C74, C81	2812560	885342207005	0,078	5	311-4491-1-ND	0,150	10	603-C1206KRX7RABB103	0,129	10
15	2	UVZ1E102MPD	THT; Ø10mm: RM5	C57, C80	9451226	MCGPR25V108M10X21	0,388	1	93-1305-ND	0,500	1	UVZ1E102MPD1CM	0,376	1
16	2	470p	0805	C59, C82	1759217	MC0805N471J500CT	0,061	10	732-7837-1-ND	0,059	10	710-885012007038	0,056	10
17	2	33n	0805	C60, C83	2627479	MC0805B333K250CT	0,046	10	1276-1796-1-ND	0,057	10	710-885012207069	0,036	10
18	2	4n7	C0G, 0805	C62, C85	1828942	GRM2165C1H472JA01D	0,184	10	732-12255-1-ND	0,162	10	810-C2012C0G1H472J-1	0,072	10
19	16	100n	0603	C7, C8, C10, C15, C18, C19, C20, C25, C28, C29, C32, C36, C38, C63, C64, C65	2522597	C0603C104K4RAC7081	0,011	10	490-4774-1-ND	0,029	100	80-C0603C104M4R	0,007	100
20	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

#	Qty	Part name	RS Components Code	Part Number	Unit price €	MOQ	TME Code / Part Number	Unit price €	MOQ	THT	SMD	Best Supplier	Lowest unit price €	Order Qty	Line Cost €
1	3	4n7/100V	723-6394	GRM219R72A472KA01D	0,029	100	08051C472KAT2A	0,025	100		3	TME	0,025 €	3	0,074
2	1	330p	176-3198	0805N331J500CT	0,037	200	CL21C331JBANNNC	0,029	100		1	TME	0,029 €	1	0,029
3	2	22u	172-1532	LMK316ABJ226KL	0,095	50	CL31A226MOCLNNC	0,083	100		2	TME	0,083 €	2	0,166
4	1	18p	147-415	C0603C180J5GACTU	0,032	50	CL10C180JB8NNNC	0,015	100		1	TME	0,015 €	1	0,015
5	6	10n	464-6672	08055C103KAT2A	0,026	50	CC0805KRX7R9103	0,027	100		6	Digikey	0,017 €	6	0,102
6	6	1u	451-5770	C0805C105K4RACTU	0,028	25	CL21B105KOFNNNE	0,010	100		6	TME	0,010 €	6	0,062
7	4	3n3	237-7009	GRM216R71H332KA01D	0,060	50	VJ0805Y333KXACW1BC	0,023	100		4	TME	0,023 €	4	0,092
8	7	4u7	691-1221	C1206C475K3RACTU	0,232	25	GCM31CR71E475KA55L	0,381	10		7	Mouser	0,129 €	7	0,903
9	4	EEEFK1V470P	537-0657	EEEFK1V470P	0,422	1	EEEFK1V470P	0,130	5		4	TME	0,130 €	4	0,520
10	2	100p	461-3997	CC0805JRNP09BN101	0,030	50	CL21C101JBANNNC	0,026	100		2	Digikey	0,019 €	2	0,038
11	4	10u	103-4163	UMK316BBJ106KL-T	0,236	20	CL31A106KBHNNNE	0,546	10		4	Digikey	0,184 €	4	0,736
12	2	220n	103-4126	UMK212B7224KG-T	0,039	50	CL21B224KAFNNNE	0,022	100		2	TME	0,022 €	2	0,044
13	6	22u	766-1182	CL32A226KAJNNNE	0,343	10	CL32A226KAJNNNE	0,158	10		6	TME	0,158 €	6	0,948
14	4	10n/200V	669-8647	CC1206KRX7RABB103	0,128	25	VJ1206Y103KXCTW1BC	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	0805CG471J9BB	0,040	25	CC0805JRNPO9BN471	0,024	100		2	TME	0,024 €	2	0,048
17	2	33n	135-6639	08051C333KAT2A	0,021	100	CC0805KRX7R9333	0,016	100		2	TME	0,016 €	2	0,032
18	2	4n7	741-4529	C2012C0G1H472J060AA	0,056	100	GRM2165C1H472JA01D	0,021	100		2	TME	0,021 €	2	0,042
19	16	100n	393-6952	VJ0603Y104KXJAT	0,069	25	CL10B104KA8NNNC	0,098	100		16	Mouser	0,007 €	16	0,112
20	4	SKL16	124-6774	RB160MM-60TR	0,230	40	SKL16-DIO	0,105	5		4	TME	0,105 €	4	0,420

#	Qty	Part name	Package	Reference designator	Farnell / Element14				Digi-Key			Mouser		
					Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
21	1	BLM18AG102SH1D	0603	FB1	1669708	MMZ1608Y102B	0,072	10	490-7809-1-ND	0,052	50	81-BLM18AG102SH1D	0,063	10
22	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
23	2	LT3763EFE#PBF	TSSOP-28	IC10, IC12	-				LT3763EFE#PBF-ND	4,950	1	584-LT3763EFE#PBF	4,830	1
24	1	MC33274ADR2G	SOIC-16	IC11	2531387	MC33274ADR2G	1,010	1	MC33274ADR2GOSCT-ND	1,190	1	863-MC33274ADR2G	1,020	1
25	1	TPS54060DGQ	MSOP-10	IC2	1710820	TPS54060DGQ .	3,030	1	296-37148-1-ND	2,630	1	595-TPS54060DGQR	2,490	1
26	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
27	1	M24C32-WMN6P	SOIC-8	IC4	1224413	M24C32-WMN6P	0,212	5	-			511-M24C32-WMN6P	0,210	1
28	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
29	1	MAX5715BAUD+	TSSOP-14	IC7	2514616	MAX5715BAUD+	4,140	1	MAX5715BAUD+-ND	5,190	1	700-MAX5715BAUD+	4,100	1
30	1	STM32F373C8T6	LQFP-48	IC8	2333274	STM32F373C8T6	4,420	1	497-13306-ND	3,940	1	511-STM32F373C8T6	3,840	1
31	1	MC33272ADR2G	SOIC-8	IC9	2531389	MC33272ADR2G	0,854	1	MC33272ADR2GOSCT-ND	0,910	1	863-MC33272ADR2G	0,865	1
32	1	4907	THT, PCB terminal; 4.8mm	J1	-				36-4907-ND	0,260	1	534-4907	0,257	1
33	2	571-0500	THT, Ø4 mm terminal; red	J2, J4	1101127	571-0500-01	1,720	5	-			164-6219	2,040	1
34	2	571-0100	THT, Ø4 mm terminal; black	J3, J5	1101128	571-0100-01	1,740	5	-			164-6218	1,840	1
35	1	RN112-4-02-0M7	THT, Current-compensated Choke	L1	-				817-2100-ND	1,560	1	631-RN112-4-02-0M7	1,400	1
36	2	125CDMCCDS-330MC	Power inductor	L2, L4	2211631	7443551331	3,930	1	308-2568-1-ND	1,510	1	851-125CDMCCDS330MC	1,590	1
37	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
38	2	WP42WUM/EGW	THT, dual (green/red) 3 mm LED	LED1, LED2	-				754-1718-ND	0,930	1	604-WP42WUM/EGW	0,926	1
39	2	NTCS0805E3103JMT	NTC 0805	NTC1, NTC2	2103177	NTCS0805E3103JMT	0,399	10	BC2292CT-ND	0,490	1	594-2381-615-53103	0,353	10
40	4	IRFR7546TRPBF	DPAK	Q1, Q2, Q5, Q6	2456720	IRFR7546TRPBF	0,773	5	IRFR7546TRPBFCT-ND	0,880	1	942-IRFR7546TRPBF	0,777	1
41	2	2N7002	SOT-23	Q3, Q7	1713825	2N7002K-7	0,148	5	T2N7002AKLMCT-ND	0,126	10	757-T2N7002AKLM	0,113	10

#	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 €
			RS Components				TME					Price calculation for 1 set			
21	1	BLM18AG102SH1D	839-0803	BLM18AG102SH1D	0,043	100	BLM18AG102SH1D	0,016	50		1	TME	0,016 €	1	0,016
22	1	Si8662AB-B-IS1	823-2062	Si8662AB-B-IS1	1,870	5	-				1	Mouser	1,760 €	1	1,760
23	2	LT3763EFE#PBF	-								2	Mouser	4,830 €	2	9,660
24	1	MC33274ADR2G	773-7787	MC33274ADR2G	1,010	2	MC33274ADR2G	0,740	1		1	TME	0,740 €	1	0,740
25	1	TPS54060DGQ	698-9079	TPS54060DGQ	2,680	1	-				1	Mouser	2,490 €	1	2,490
26	1	Si8641AB-B-IS1	823-2000	Si8641AB-B-IS1	1,496	5	-				1	Mouser	1,410 €	1	1,410
27	1	M24C32-WMN6P	686-2453	M24C32-WMN6P	0,180	25	M24C32-WMN6P	0,165	3		1	TME	0,165 €	1	0,165
28	1	LP2985-33DBVR	660-6733	LP2985-33DBVT	0,737	1	LP2985-33DBVR	0,362	1		1	TME	0,362 €	1	0,362
29	1	MAX5715BAUD+	-				-				1	Mouser	4,100 €	1	4,100
30	1	STM32F373C8T6	795-9164	STM32F373C8T6	2,060	1	-				1	RS	2,060 €	1	2,060
31	1	MC33272ADR2G	773-7778	MC33272ADR2G	0,865	1	MC33272ADR2G	0,570	1		1	TME	0,570 €	1	0,570
32	1	4907	-				61-1537-11/0031	0,049	10	1		TME	0,049 €	1	0,049
33	2	571-0500	103-6511	571-0500	1,216	5	571-0500	0,620	3	2		TME	0,620 €	2	1,240
34	2	571-0100	103-6527	571-0100	1,334	5	571-0100	0,620	3	2		TME	0,620 €	2	1,240
35	1	RN112-4-02-0M7	-				-				1	Mouser	1,400 €	1	1,400
36	2	125CDMCCDS-330MC	-				-				2	Digikey	1,510 €	2	3,020
37	2	HPI0630-3R3	-				HPI0630-3R3	0,335	1		2	TME	0,335 €	2	0,670
38	2	WP42WUM/EGW	-				L-42WUM/1EGWT	0,501	1	2		TME	0,501 €	2	1,002
39	2	NTCS0805E3103JMT	179-3950	NTCS0805E3103JMT	0,250	250	NTCS0805E3103JMT	0,113	15		2	TME	0,113 €	2	0,226
40	4	IRFR7546TRPBF	130-0990	IRFR7546TRPBF	0,619	10	IRFR7546TRPBF	0,470	3		4	TME	0,470 €	4	1,880
41	2	2N7002	671-0312	2N7002	1,250	20	2N7002LT1G	0,019	25		2	TME	0,019 €	2	0,038

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					Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
42	2	BSS84P	SOT-23	Q4, Q8	1056526	BSS84PH6327XTSA2	0,224	5	BSS84PH6433XTMA1CT-ND	0,314	10	726-BSS84PH6327XTSA2	0,196	10
43	1	4K7/2W	2512	R1	2081875	ASC2512-4K7FT4	0,195	10	A130729CT-ND	0,331	10	279-CRGP2512F4K7	0,180	10
44	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
45	2	3K3	0805	R16, R17										
46	4	1K	0805	R18, R19, R20, R21	1099800	WCR0805-1K0FI	0,019	10	RC0805FR-071KL	0,039	10	603-RC0805FR-071KL	0,015	10
47	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
48	4	20K	0805	R22, R25, R45, R48	2447603	MCWR08X2002FTL	0,009	10	A126349CT-ND	0,047	10	RCG080520K0FKEA	0,034	50
49	6	12K	0805	R23, R26, R40, R46, R49, R63	2447563	MCWR08X1202FTL	0,010	10	A126337CT-ND	0,047	10	71-CRCW080512K0FKEA	0,058	10
50	4	0R	0805	R24, R30, R47, R53	2747563	MCWR08X0000FTL	0,006	10	RMCF0805ZT0R00CT-ND	0,019	10	603-RC0805FR-070RL	0,023	10
51	2	R012/2W	2512	R27, R50	2483605	TLM3AER012JTE	0,161	10	YAG2164CT-ND	0,491	10	279-RLP73V3AR012FTDF	0,347	10
52	5	47K	0805	R3, R36, R37, R59, R60	2447664	MCWR08X4702FTL	0,009	10	RHM47KKCT-ND	0,036	10	603-RC0805FR-0747KL	0,014	10
53	4	30K	0805	R33, R38, R56, R61	2303701	ERJ6ENF3002V	0,058	10	P30.0KCCT-ND	0,085	10	603-RC0805FR-0730KL	0,014	10
54	2	3K9	0805	R39, R62										
55	2	3K6	0805	R41, R64										
56	2	120R	0805	R42, R65	2447561	MCWR08X1200FTL	0,009	10	RMCF0805FT120RCT-ND	0,020	10	71-CRCW0805120RFKEAC	0,037	10
57	2	11K8	0805	R43, R66										
58	2	15K	0805	R44, R67	1099808	WCR0805-15KFI	0,019	10	A126341CT-ND	0,041	10	71-CRCW080515K0FKEBC	0,013	10
59	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
60	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
61	1	330R	0805	R8	2695037	MCWR08X331 JTL	0,009	10	A129743CT-ND	0,045	10	652-CR0805FX-3300ELF	0,013	10
62	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
63	1	SRF0703-821M	0703	TR1	1852832	SRF0703-821M	0,827	1	SRF0703-821MCT-ND	0,900	1	652-SRF0703-821M	0,681	1
64	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

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			RS Components				TME					Price calculation for 1 set			
42	2	BSS84P	-				BSS84P	0,060	10		2	TME	0,060 €	2	0,120
43	1	4K7/2W	224-0424	35204K7JT	1,370	10	CRCW25124K70FKTHBC	0,113	10		1	TME	0,113 €	1	0,113
44	6	10K	125-1189	CRG0805F10K	0,002	100	RC0805FR-0710K	0,022	100		6	RS	0,002 €	6	0,012
45	2	3K3									2	Farnell	0,000 €	2	0,000
46	4	1K	223-0427	CRG0805F1K0	0,017	50	RC0805FR-071K	0,022	100		4	Mouser	0,015 €	4	0,060
47	7	10R	740-9085	CR1206-FX-10R0ELF	0,036	50	CRCW120610R0FKTABC	0,031	100		7	TME	0,031 €	7	0,217
48	4	20K	679-1077	CRCW080520K0FKEA	0,038	50	RC0805FR-0720K	0,035	100		4	Farnell	0,009 €	4	0,038
49	6	12K	223-0578	CRG0805F12K	0,020	50	SMD0805-12K-1%	0,014	100		6	Farnell	0,010 €	6	0,059
50	4	0R	-				CQ0805-0R-1%	0,028	100		4	Farnell	0,006 €	4	0,025
51	2	R012/2W	869-5467	TLM3AER012FTE	0,204	10	LRP2512-R012-1%	0,145	10		2	TME	0,145 €	2	0,290
52	5	47K	679-1434	CRCW080547K0FKEA	0,036	50	RC0805FR-0747K	0,022	100		5	Farnell	0,009 €	5	0,047
53	4	30K	-				SMD0805-30K-1%	0,022	100		4	Mouser	0,014 €	4	0,056
54	2	3K9									2	Farnell	0,000 €	2	0,000
55	2	3K6									2	Farnell	0,000 €	2	0,000
56	2	120R	223-0304	CRG0805F120R	0,035	50	SMD0805-120R-1%	0,022	100		2	Farnell	0,009 €	2	0,019
57	2	11K8									2	Farnell	0,000 €	2	0,000
58	2	15K	223-0584	CRG0805F15K	0,023	50	SMD0805-15K	0,013	100		2	Mouser	0,013 €	2	0,026
59	3	2K2	679-1207	CRCW08052K20FKEA	0,039	50	SMD0805-2K2-1%	0,022	100		3	TME	0,022 €	3	0,067
60	6	86K6	-				CRCW080586K6FKTABC	0,025	100		6	TME	0,025 €	6	0,150
61	1	330R	223-0354	CRG0805F330R	0,040	50	SMD0805-330R-1%	0,015	100		1	Farnell	0,009 €	1	0,009
62	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
63	1	SRF0703-821M	-				-				1	Mouser	0,681 €	1	0,681
64	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

#	Qty	Part name	Package	Reference designator	Farnell / Element14 Code	Farnell / Element14 Part Number	Farnell / Element14 Unit price €	MOQ	Digi-Key Part Number	Digi-Key Unit price €	MOQ	Mouser Part Number	Mouser Unit price €	MOQ
65	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
66	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
67	1	SMAJ51A	SMA	ZD1	2677667	SMAJ51A	0,144	5	SMAJ51ALFCT-ND	0,370	1	652-SMAJ51A	0,463	1

Not installed

	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
	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

	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
	2	PCB-MB-01	PCB bracket; polyamide	KK1, KK2	-				-			-		
	2	ICKSMDB13SA	Miniature heatsink 13 x 19 mm		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

	Qty	Part name	Package	Reference designator
	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.

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

#	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 €
			RS Components				TME					Price calculation for 1 set			
65	1	77317-104-28LF	-				-			1		Digikey	1,030 €	1	1,030
66	1	ZL263-10DG	826-7194	613010243121	0,950	1	ZL263-10DG	0,301	2	1		TME	0,301 €	1	0,301
67	1	SMAJ51A	171-4238	SMAJ51A	0,320	25	SMAJ51A-LF	0,201	3		1	Farnell	0,144 €	1	0,144
										13	172				42,87 €

#	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 €
		Not installed													
	3	N.C.									3	Farnell	0,000 €	3	0,000
	1	100n	393-6952	VJ0603Y104KXJAT	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

#	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 €
		Related parts and access													
	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 €

#	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										ALLPCB	7,387 €	1	7,387
															7,39 €

Total   **67,49 €**