

EEZ DIB DCP405(B) BOM (r2B5, 2019-09-21)
Project source code at <https://github.com/eez-open/modular-psu>

#	Farnell / Element14								Digi-Key			Mouser			RS Components			
	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Code	Part Number	Unit price €	MOQ
1	5	10n/200V	1206	C1, C3, C4, C91, C95	2812560	885342207005	0.078	5	311-4491-1-ND	0.150	10	603-C1206KRX7RAB B103	0.129	10	669-8647	CC1206KRX7R ABB103	0.128	25
2	2	10u	1210	C10, C15	2672214	GRT31CR61H106 KE01L	0.684	5	1276-6736-1-ND	0.184	10	810-C3216X7R1HK1 60AC	0.597	10	103-4163	UMK316BBJ106 KL-T	0.236	20
3	1	EEEFK1J101P	Ø10mm, low ESR	C11, C16	9696040	EEEFK1J101P	1.020	1	PCE3819CT-ND	0.780	1	667-EEE-FK1J101P	0.690	1	708-3623	EEEFK1J101P	0.676	5
4	2	470p	0805	C12, C19	1759217	MC0805N471J500 CT	0.061	10	732-7837-1-ND	0.059	10	710-885012007038	0.056	10	378-700	0805CG471J9B B	0.040	25
	1	470p	0805	C40	1759217	MC0805N471J500 CT	0.061	10	732-7837-1-ND	0.059	10	710-885012007038	0.056	10	378-700	0805CG471J9B B	0.040	25
5	1	EEEFK1H470P	Ø8mm, low ESR	C13	9695931	EEEFK1H470P	0.419	1	PCE3815CT-ND	0.590	1	667-EEE-FK1H470P	0.524	1	537-0590	EEEFK1H470P	0.510	5
6	6	33p	C0G, 0603	C17, C29, C42, C45, C57, C58	1759197	MC0805N330J500 CT	0.042	10	1276-1105-1-ND	0.023	100	80-C0805C330K5G	0.016	100	264-4264	C0805C330J5G ACTU	0.069	25
7	2	6n8	0805	C18, C52	1759244	MC0805B682K500 CT	0.033	10	1276-1799-1-ND	0.052	10	80-C0805C682K5R	0.029	10	624-2531	GRM2195C1H6 82JA01D	0.196	50
8	2	HHXC630A330MHA0G	Ø8mm, low ESR	C2, C90	-				-			661-HHXC630A330M HA0G	0.891	1	-			
9	4	4u7	1206	C20, C21, C27, C64	1907356	C3216X7R1E475K 160AC	0.240	5	1276-2970-1-ND	0.199	10	963-EMK316B7475M L-T	0.129	10	691-1221	C1206C475K3R ACTU	0.232	25
10	2	2u2	1206, 50V	C22, C23					1276-2723-1-ND	0.132	10	80-C1206C225M5R ECLR	0.106	10	184-3509	UMK316B7225K LHT	0.151	10
11	3	330p	C0G, 0805	C25, C43, C60	1414686	C0805C331J5GAC TU	0.054	10	1276-1189-1-ND	0.049	10	80-C0805C331J5G	0.036	10	176-3198	0805N331J500C T	0.037	200
12	1	22u	1210, 25V	C26	2320935	MC1210X226K250 CT	1.490	1	1276-3373-1-ND	0.369	10	603-CC121KKX7R8B B226	0.777	10	766-1182	CL32A226KAJN NNE	0.343	10
13	4	10n	0805	C28, C33, C46, C51	2896555	VJ0805Y103JXXP W1BC	0.065	10	490-7194-1-ND	0.017	10	710-885012207122	0.036	10	464-6672	08055C103KAT 2A	0.026	50
	3	10n	0805	C72, C88, C96	2896555	VJ0805Y103JXXP W1BC	0.065	10	490-7194-1-ND	0.017	10	710-885012207122	0.036	10	464-6672	08055C103KAT 2A	0.026	50
14	2	4u7/100V	1210	C5, C6	2211140	CGA6M3X7S2A47 5K200AB	0.967	50	587-5034-1-ND	0.813	10	810-CGA6M3X7S2A4 75K	0.629	100	-			
15	6	1u	0805	C50, C53, C67, C68, C78, C80	2896566	VJ0805Y105KXXT W1BC	0.084	5	587-1283-1-ND	0.090	10	603-CC805MKX7R7B B105	0.062	10	451-5770	C0805C105K4R ACTU	0.028	25
16	3	1n	0805	C41, C44, C59	2896470	VJ0805A102JXAC W1BC	0.044	10	732-7858-1-ND	0.055	10	710-885012007040	0.052	10	723-6408	GRM2195C1H1 02JA01D	0.031	100
	3	1n	0805	C61, C84, C85	2896470	VJ0805A102JXAC W1BC	0.044	10	732-7858-1-ND	0.055	10	710-885012007040	0.052	10	723-6408	GRM2195C1H1 02JA01D	0.031	100
17	1	4u7 tant.	1206	C66	2321209	T491A475K006AT	0.372	1	399-9717-1-ND	0.270	10	80-T491A475K006 AT	0.265	10	538-2335	T491A475K006 AT	0.290	10
18	1	1u/100V	1206	C7	2579026	C1206X105K1RAC AUTO	0.635	5	311-1948-6-ND	0.271	10	810-C3216X7R2A105 M	0.227	10	136-4396	12061C105KAT 2A	0.294	50
19	5	4n7	C0G, 0805	C59, C73, C74, C75, C76	1828942	GRM2165C1H472J A01D	0.184	10	732-12255-1-ND	0.162	10	810-C2012C0G1H47 2J-1	0.072	10	741-4529	C2012C0G1H47 2J060AA	0.056	100
20	2	470n	0805	C8, C89	2627486	MC0805F474Z500 CT	0.187	10	1276-6482-1-ND	0.082	10	603-CC805KKX7R9B B474	0.107	10	378-700	0805CG471J9B B	0.040	25

#	TME						Price calculation for 1 set					DCP405B version				
	Qty	Part name	Code / Part Number	Unit price €	MOQ	THT	SMD	Best Supplier	Lowest unit price €	Order Qty	Line Cost €	Installed	THT	SMD	Line cost €	
1	5	10n/200V	VJ1206Y103KXCTW1 BC	0.019	100		5	TME	0.019 €	5	0.095	Yes	0	5	0.095	
2	2	10u	CL31A106KBHNNNE	0.546	10		2	Digikey	0.184 €	2	0.368	Yes	0	2	0.368	
3	1	EEEFK1J101P	EEEFK1J101P	0.321	5		1	TME	0.321 €	1	0.321	Yes	0	1	0.321	
4	2	470p	CC0805JRNPO9BN47 1	0.024	100		2	TME	0.024 €	2	0.048	Yes	0	2	0.048	
	1	470p	CC0805JRNPO9BN47 1	0.024	100		1	TME	0.024 €	1	0.024	No				
5	1	EEEFK1H470P	EEEFK1H470P	0.183	5		1	TME	0.183 €	1	0.183	Yes	0	1	0.183	
6	6	33p	CL21C330JBANNNC	0.015	100		6	TME	0.015 €	6	0.091	Yes	0	6	0.091	
7	2	6n8	CL21B682KBANNNC	0.327	100		2	Mouser	0.029 €	2	0.058	Yes	0	2	0.058	
8	2	HHXC630A330MHA0G	-				2	Mouser	0.891 €	2	1.782	Yes	0	2	1.782	
9	4	4u7	GCM31CR71E475KA5 5L	0.381	10		4	Mouser	0.129 €	4	0.516	Yes	0	4	0.516	
10	2	2u2	CL31B225KBHNNNE	0.029	50		2	TME	0.029 €	2	0.057	Yes	0	2	0.057	
11	3	330p	CL21C331JBANNNC	0.029	100		3	TME	0.029 €	3	0.088	Yes	0	3	0.088	
12	1	22u	CL32A226KAJNNNE	0.158	10		1	TME	0.158 €	1	0.158	Yes	0	1	0.158	
13	4	10n	CC0805KRX7R9103	0.027	100		4	Digikey	0.017 €	4	0.068	Yes	0	4	0.068	
	3	10n	CC0805KRX7R9103	0.027	100		3	Digikey	0.017 €	3	0.051	No				
14	2	4u7/100V	-				2	Mouser	0.629 €	2	1.258	Yes	0	2	1.258	
15	6	1u	CL21B105KOFNNNE	0.010	100		6	TME	0.010 €	6	0.062	Yes	0	6	0.062	
16	3	1n	CL21C102JBCNNNC	0.026	100		3	TME	0.026 €	3	0.077	Yes	0	3	0.077	
	3	1n	CL21C102JBCNNNC	0.026	100		3	TME	0.026 €	3	0.077	No				
17	1	4u7 tant.	T491A475K006AT	0.099	10		1	TME	0.019 €	1	0.019	Yes	0	1	0.019	
18	1	1u/100V	-				1	Mouser	0.227 €	1	0.227	Yes	0	1	0.227	
19	5	4n7	GRM2165C1H472JA0 1D	0.021	100		5	TME	0.021 €	5	0.105	Yes	0	5	0.105	
20	2	470n	C0805C474K4RAC	0.021	100		2	TME	0.021 €	2	0.042	Yes	0	2	0.042	

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21	27	100n	0603	C9, C24, C30, C31, C32, C34, C35, C36, C37, C38, C39, C47, C48, C49, C54, C55, C56, C62, C63, C65, C69, C70, C77, C79, C81, C86, C87	2522597	C0603C104K4RAC7081	0.011	10	490-4774-1-ND	0.029	100	80-C0603C104M4R	0.007	100	393-6952	VJ0603Y104KXJAT	0.069	25
	2	100n	0603	C71, C83	2522597	C0603C104K4RAC7081	0.011	10	490-4774-1-ND	0.029	100	80-C0603C104M4R	0.007	100	393-6952	VJ0603Y104KXJAT	0.069	25
22	5	BAS316	SOD-323	D1, D3, D11, D12, D15	8734275	BAS316,115	0.193	5	1727-7370-1-ND	0.120	1	771-BAS316-T/R	0.179	1	397-2914	BAS316,115	0.122	50
	5	BAS316	SOD-323	D10, D14, D16, D17, D19	8734275	BAS316,115	0.193	5	1727-7370-1-ND	0.120	1	771-BAS316-T/R	0.179	1	397-2914	BAS316,115	0.122	50
23	1	SK55	SMB	D13	1299292	SK56C	0.608	1	SK55L-TPMSCT-ND	0.430	1	833-SK56A-LTP	0.489	1	743-5961	SK56B R4	0.443	10
24	1	SK10100D1-DIO	DPAK	D18	-				SBRT10U60D1-13DICT-ND	0.810	1	621-SBRT10U60D1Q-13	0.777	1	-			
25	1	STPS15H100	DPAK	D2	2344052	STPS15H100CB-TR	1.010	1	497-11400-5-ND	1.070	1	511-STPS15H100CB-TR	1.050	1	795-9075	STPS15H100CB-TR	1.088	5
26	2	SKL16	SOD-123	D4, D5	2673070	RB160MM-60TR	0.282	5	RB160MM-60CT-ND	0.264	10	755-RB160MM-60TR	0.233	10	124-6774	RB160MM-60TR	0.230	40
27	2	SKL14	SOD-123	D6, D7	2760412	PMEG4010EGWX	0.204	5	1727-7335-1-ND	0.243	10	841-PMEG4010EGWX	0.188	10	153-0632	PMEG4010EGWX	0.078	100
	1	SKL14	SOD-123	D9	2760412	PMEG4010EGWX	0.204	5	1727-7335-1-ND	0.243	10	841-PMEG4010EGWX	0.188	10	153-0632	PMEG4010EGWX	0.078	100
28	2	ZH32	THT; 20x5mm fuse holder	F1, F2	-				-			-			-			
29	3	BLM18AG102SH1D	0603	FB1, FB2, FB3	1515671	BLM18AG102SN1D	0.053	10	490-7809-1-ND	0.081	10	81-BLM18AG102SH1D	0.063	10	839-0803	BLM18AG102SH1D	0.043	100
30	1	LTC3864EMSE#PBF	TSSOP-12	IC1	-				LTC3864EMSE#PBF-ND	4.440	1	584-LTC3864EMSE#PBF	4.360	1	-			
31	1	LTC2050HVCS8#PBF	SOIC-8	IC11	-				LTC2050HVCS8#PBF-ND	2.760	1	584-LTC2050HVCS8#PBF	2.710	1	822-6746	LTC2050HVCS8#PBF	2.155	2
32	1	74AUP1G74DC.125	VSSOP-8	IC12	2445023	74AUP1G74DC,125	0.369	1	1727-6029-1-ND	0.430	1	771-AUP1GDC125	0.419	1	813-9254	74AUP1G74DC,125	0.408	20
33	1	MCP23S17-E/SS	SSOP-28	IC13	1467675	MCP23S17-E/SS	1.160	1	MCP23S17-E/SS-ND	1.210	1	579-MCP23S17-E/SS	1.180	1	669-6452	MCP23S17-E/SS	1.188	5
34	1	REF5025AIDR	SOIC-8	IC14	1439622	REF5025AIDG4	3.440	1	296-39165-1-ND	2.660	1	595-REF5025AIDR	2.540	1	404-304	REF5025AID	3.030	1
35	1	TC77-5.0MCTTR	SOT23-5	IC15	-				TC77-5.0MCTTRCT-ND	0.890	1	579-TC77-5.0MCTTR	0.882	1	768-1549	TC77-5.0MCTTR	0.514	5
36	1	DAC8552IDGKR	VSSOP-8	IC16	-				296-46082-1-ND	6.430	1	595-DAC8552IDGKR	6.150	1	-			
37	1	SN74LVC1G3157DCKR	SC-70	IC17	1470911	SN74LVC1G3157DCKR	0.274	5	296-14909-1-ND	0.330	1	595-SN74LVC1G3157DCK	0.323	1	628-2769	SN74LVC1G3157DCKR	0.237	10
38	1	ADS1120IPWR	TSSOP-16	IC18	-				296-37280-1-ND	6.030	1	595-ADS1120IPWR	5.760	1	-			
39	1	LM293D	SOIC-8	IC19	2382616	LM293DT	0.289	5	296-12848-1-ND	0.340	1	511-LM293DT	0.255	10	661-2592	LM293ADR	0.273	10
40	1	TPS54060DGQ	MSOP-10	IC2	1710820	TPS54060DGQ	3.030	1	296-37148-1-ND	2.630	1	595-TPS54060DGQR	2.490	1	698-9079	TPS54060DGQ	2.680	1
41	1	MAX9141ESA	SOIC-8	IC20	2515004	MAX9141ESA+	1.230	1	MAX9141ESA+-ND	1.090	1	700-MAX9141ESA	0.934	1	799-8282	MAX9141ESA+	1.360	5
42	2	SI8641BB-B-IS1	SOIC-16	IC3, IC7	2423291	SI8641BB-B-IS1	2.140	1	336-2566-ND	2.230	1	634-SI8641BB-B-IS1	2.060	1	823-2126	SI8641BB-B-IS1	2.190	5

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21	27	100n	CL10B104KA8NNNC	0.098	100		27	Mouser	0.007 €	27	0.189	Yes	0	27	0.189		
	2	100n	CL10B104KA8NNNC	0.098	100		2	Mouser	0.007 €	2	0.014	No					
22	5	BAS316	BAS316,115	0.026	25		5	TME	0.026 €	5	0.132	Yes	0	5	0.132		
	5	BAS316	BAS316,115	0.026	25		5	TME	0.026 €	5	0.132	No					
23	1	SK55	SK55-DIO	0.119	5		1	TME	0.119 €	1	0.119	Yes	0	1	0.119		
24	1	SK10100D1-DIO	SK10100D1-DIO	0.310	3		1	TME	0.310 €	1	0.310	Yes	0	1	0.310		
25	1	STPS15H100	-				1	Farnell	1.010 €	1	1.010	Yes	0	1	1.010		
26	2	SKL16	SKL16-DIO	0.105	5		2	TME	0.105 €	2	0.210	Yes	0	2	0.210		
27	2	SKL14	SKL14-DIO	0.053	10		2	TME	0.053 €	2	0.106	Yes	0	2	0.106		
	1	SKL14	SKL14-DIO	0.053	10		1	TME	0.053 €	1	0.053	No					
28	2	ZH32	ZH32	0.228	5	2		TME	0.228 €	2	0.456	No					
29	3	BLM18AG102SH1D	BLM18AG102SH1D	0.016	50		3	TME	0.016 €	3	0.047	Yes	0	3	0.047		
30	1	LTC3864EMSE#PBF	-				1	Mouser	4.360 €	1	4.360	Yes	0	1	4.360		
31	1	LTC2050HVCS8#PBF	-				1	RS	2.155 €	1	2.155	Yes	0	1	2.155		
32	1	74AUP1G74DC.125	74AUP1G74DC.125	0.323	3		1	TME	0.323 €	1	0.323	Yes	0	1	0.323		
33	1	MCP23S17-E/SS	MCP23S17-E/SS	1.230	1		1	Farnell	1.160 €	1	1.160	Yes	0	1	1.160		
34	1	REF5025AIDR	-				1	Mouser	2.540 €	1	2.540	Yes	0	1	2.540		
35	1	TC77-5.0MCTTR	TC77-5.0MCTTR	0.970	1		1	RS	0.514 €	1	0.514	Yes	0	1	0.514		
36	1	DAC8552IDGKR	-				1	Mouser	6.150 €	1	6.150	Yes	0	1	6.150		
37	1	SN74LVC1G3157DCKR	SN74LVC1G3157DCKR	0.107	5		1	TME	0.107 €	1	0.107	No					
38	1	ADS1120IPWR	-				1	Mouser	5.760 €	1	5.760	Yes	0	1	5.760		
39	1	LM293D	LM293D-ST	0.143	5		1	TME	0.143 €	1	0.143	Yes	0	1	0.143		
40	1	TPS54060DGQ	-				1	Mouser	2.490 €	1	2.490	Yes	0	1	2.490		
41	1	MAX9141ESA	-				1	Mouser	0.934 €	1	0.934	No					
42	2	SI8641BB-B-IS1	-				2	Mouser	2.060 €	2	4.120	Yes	0	2	4.120		

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43	1	SN74LVC1G139DCUR	VSSOP-8	IC4	2147991	SN74LVC1G139D CUR	0.561	1	296-18203-1-ND	0.510	1	595- SN74LVC1G139 DCUR	0.489	1	-			
44	1	MC78L05	SOIC-8	IC5	2534293	MC78L05ABDR2G	0.324	1	MC78L05ACDR2 GOSCT-ND	0.420	1	863- MC78L05ACDR2 G	0.306	1	516-6149	MC78L05ACDG	0.150	1
45	1	MC79L05	SOIC-8	IC6	2534292	MC79L05ACDR2G	0.310	1	MC79L05ABDG OS-ND	0.350	1	863- MC79L05ACDR2 G	0.358	1	688-9313	MC79L05ACDR 2G	0.110	1
46	1	M24C32-WMN6P	SOIC-8	IC8	1224413	M24C32-WMN6P	0.212	5	497-8644-1-ND	0.210	1	511-M24C32- RMN6TP	0.210	1	686-2453	M24C32- WMN6P	0.180	25
47	2	MC33272ADR2G	SOIC-8	IC9, IC10	2531389	MC33272ADR2G	0.854	1	MC33272ADR2G OSCT-ND	0.910	1	863- MC33272ADR2G	0.865	1	773-7778	MC33272ADR2 G	0.865	1
48	1	4907	THT, PCB terminal; 4.8mm	J1	-				36-4907-ND	0.260	1	534-4907	0.257	1	-			
49	1	FCR7350R	THT, binding post 4 mm; red	J2	1854508	FCR7350R	6.170	1	-			-			144-1450	SWEB 8094 Au / RT	4.640	1
50	1	FCR7350B	THT, binding post 4 mm; black	J3	1854507	FCR7350B	5.750	1	-			-			144-1451	SWEB 8094 Au / SW	4.640	1
51	1	G6K-2F-5DC	Miniature relay, non-latching	K1	4446185	G6K-2F 5DC	2.940	1	Z128-ND	3.430	1	653-G6K-2F-DC5	3.370	1	365-0361	G6K-2F-Y 5DC	5.940	1
52	1	RN112-4-02-0M7	THT; RN112	L1					817-2100-ND	1.560	1	631-RN112-4-02- 0M7	1.400	1	-			
53	1	125CDMCCDS-330MC	Power inductor	L2	2211631	7443551331	3.930	1	308-2568-1-ND	1.510	1	851- 125CDMCCDS3 30MC	1.590	1	-			
54	1	VLS6045AF-3R3N	Power inductor	L3	1741325	IHLP2020CZER3R 3M11	1.940	5	445-180834-1- ND	0.510	1	810-VLS6045AF- 3R3N	0.510	1	-			
55	1	WP934MD/2LID	THT, dual (red/red) 3 mm LED	LED1	-				754-2000-ND	0.920	1	604- WP934MD2LID	1.030	1	-			
56	1	WP42WUM/EGW	THT, dual (green/red) 3 mm LED	LED2	-				754-1718-ND	0.930	1	604- WP42WUM/EG W	0.926	1	-			
57	1	WP934MD/LYLID	THT, dual (yellow/red) 3 mm LED	LED3	-				754-2008-ND	0.990	1	604- WP934MDLYLID	0.795	1	-			
58	1	SUD19P06-60	DPAK	Q1	2101465	SUD19P06-60- GE3	0.965	5	SUD19P06-60- GE3CT-ND	1.200	1	781-SUD19P06- 60-GE3	1.040	1	180-7995	SUD19P06-60- GE3	0.960	10
59	2	PSMN0R9-25YLC	SOT-669	Q10, Q11	1895396	PSMN0R9- 25YLC,115	1.300	5	1727-5292-1-ND	1.270	1	771- PSMN0R925YLC 115	1.320	1	798-2895	PSMN0R9- 25YLC,115	1.537	3
60	1	BSS84P	SOT-23	Q12	1056526	BSS84PH6327XTS A2	0.224	5	BSS84PH6433X TMA1CT-ND	0.314	10	726- BSS84PH6327X TSA2	0.196	10	-			
61	1	BTA26-600	THT, TOP-3	Q13	1057286	BTA26-600BRG	3.820	1	497-2427-5-ND	3.510	1	511-BTA26-600B	3.440	1	714-0515	BTA26-600BRG	3.710	1
62	1	FMMT493TA	SOT-23	Q14	2061448	FMMT493ATA	0.348	5	FMMT493CT-ND	0.420	1	522-FMMT493TA	0.376	1	274-885	FMMT493TA	0.302	10
63	2	2N7002	SOT-23	Q15, Q16	1713825	2N7002K-7	0.148	5	T2N7002AKLMC T-ND	0.126	10	757- T2N7002AKLM	0.113	10	671-0312	2N7002	1.250	20
64	2	2N7002	SOT-23	Q17, Q21	1713825	2N7002K-7	0.148	5	T2N7002AKLMC T-ND	0.126	10	757- T2N7002AKLM	0.113	10	671-0312	2N7002	1.250	20
65	2	MMBT5551	SOT-23	Q19, Q20	1459109	MMBT5551LT1G	0.154	5	MMBT5551LT1G OSCT-ND	0.180	1	863- MMBT5551LT1G	0.170	1	545-0400	MMBT5551LT1 G	0.146	10
66	1	MMBT5401	SOT-23	Q2	2533333	MMBT5401LT3G	0.181	5	MMBT5401- FDICT-ND	0.154	10	621-MMBT5401- F	0.135	10	739-0546	MMBT5401	0.157	10
	2	MMBT5401	SOT-23	Q7, Q18	2533333	MMBT5401LT3G	0.181	5	MMBT5401- FDICT-ND	0.154	10	621-MMBT5401- F	0.135	10	739-0546	MMBT5401	0.157	10
67	2	D45H11FP	THT, TO-220FP	Q3, Q4	9557164	D45H11G	0.865	1	497-2578-5-ND	0.980	1	863-D45H11G	0.742	1	545-0179	D45H11G	0.740	1
68	1	FQPF11P06	THT, TO-220FP	Q5	-				FQPF11P06FS- ND	0.920	1	512-FQPF11P06	0.873	1	807-5885	FQPF11P06	0.715	10
	0	Option #1: FQPF27P06			2322632	FQPF27P06	1.530	1	FQPF27P06FS- ND	1.380	1	512-FQPF27P06	1.320	1	807-5901	FQPF27P06	1.363	1

#	TME					THT		SMD		Price calculation for 1 set				DCP405B version			
	Qty	Part name	Code / Part Number	Unit price €	MOQ					Best Supplier	Lowest unit price €	Order Qty	Line Cost €	Installed	THT	SMD	Line cost €
43	1	SN74LVC1G139DCUR	-				1		Mouser	0.489 €	1	0.489	Yes	0	1	0.489	
44	1	MC78L05	MC78L05ACDG	0.228	3		1		RS	0.150 €	1	0.150	Yes	0	1	0.150	
45	1	MC79L05	MC79L05ACDG	0.232	3		1		RS	0.110 €	1	0.110	Yes	0	1	0.110	
46	1	M24C32-WMN6P	M24C32-WMN6P	0.165	3		1		TME	0.165 €	1	0.165	Yes	0	1	0.165	
47	2	MC33272ADR2G	MC33272ADR2G	0.570	1		2		TME	0.570 €	2	1.140	Yes	0	2	1.140	
48	1	4907	61-1537-11/0031	0.049	10	1			TME	0.049 €	1	0.049	Yes	1		0.049	
49	1	FCR7350R	FCR7350R	2.290	1	1			TME	2.290 €	1	2.290	Yes	1		2.290	
50	1	FCR7350B	FCR7350B	2.290	1	1			TME	2.290 €	1	2.290	Yes	1		2.290	
51	1	G6K-2F-5DC	G6K-2F-5DC	1.850	1		1		TME	1.850 €	1	1.850	No				
52	1	RN112-4-02-0M7	-			1			Mouser	1.400 €	1	1.400	Yes	1		1.400	
53	1	125CDMCCDS-330MC					1		Digikey	1.510 €	1	1.510	Yes	0	1	1.510	
54	1	VLS6045AF-3R3N	HPI0630-3R3	0.335	1		1		TME	0.335 €	1	0.335	Yes	0	1	0.335	
55	1	WP934MD/2LID	-			1			Digikey	0.920 €	1	0.920	No				
56	1	WP42WUM/EGW	L-42WUM/1EGWT	0.501	1	1			TME	0.501 €	1	0.501	Yes	1		0.501	
57	1	WP934MD/LYLID	-			1			Mouser	0.795 €	1	0.795	Yes	1		0.795	
58	1	SUD19P06-60	SUD19P06-60-GE3	0.740	1		1		TME	0.740 €	1	0.740	Yes	0	1	0.740	
59	2	PSMN0R9-25YLC	PSMN0R9-25YLC.115	0.709	2		2		TME	0.709 €	2	1.418	Yes	0	2	1.418	
60	1	BSS84P	BSS84P	0.060	10		1		TME	0.060 €	1	0.060	Yes	0	1	0.060	
61	1	BTA26-600	BTA26-600BRG	2.180	1	1			TME	2.180 €	1	2.180	No				
62	1	FMMT493TA	FMMT493TA	0.125	10		1		TME	0.125 €	1	0.125	No				
63	2	2N7002	2N7002LT1G	0.019	25		2		TME	0.019 €	2	0.038	Yes	0	2	0.038	
64	2	2N7002	2N7002LT1G	0.019	25		2		TME	0.019 €	2	0.038	No				
65	2	MMBT5551	MMBT5551	0.024	25		2		TME	0.024 €	2	0.048	No				
66	1	MMBT5401	MMBT5401	0.024	25		1		TME	0.024 €	1	0.024	Yes	0	1	0.024	
	2	MMBT5401	MMBT5401	0.024	25		2		TME	0.024 €	2	0.047	Yes	0	2	0.047	
67	2	D45H11FP	D45H11	0.570	1	2			TME	0.570 €	2	1.140	Yes	2		1.140	
68	1	FQPF11P06	-			1			RS	0.715 €	1	0.715	No				
	0	Option #1: FQPF27P06	FQPF27P06	0.820	2	0			TME	0.820 €	0	0.000	No				

EEZ DIB DCP405(B) BOM (r2B5, 2019-09-21)
Project source code at <https://github.com/eez-open/modular-psu>

#	Farnell / Element14								Digi-Key			Mouser			RS Components			
	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Code	Part Number	Unit price €	MOQ
69	1	BCP56	SOT-223	Q6	2628083	BCP56TX	0.263	5	BCP5616QTADI CT-ND	0.350	1	621- BCP5616QTA	0.297	1	773-7633	BCP56-16T3G	0.138	10
70	1	NZT605	SOT-223	Q8	2825127	NZT605	0.334	5	NZT605CT-ND	0.380	1	512-NZT605	0.341	1	806-1268	NZT605	0.284	25
71	1	BSS205NH6327XTSA1	SOT-23	Q9	2480648	BSS205NH6327XT SA1	0.257	5	BSS205NH6327 XTSA1CT-ND	0.274	10	BSS205NH6327 XTSA1	0.236	10	892-2374	BSS205NH6327 XTSA1	0.108	100
72	9	4K7	0805	R11, R27, R31, R42, R50, R79, R82, R92, R94	2861530	CRGCQ0805F4K7	0.012	10	311-4.70KCRCT- ND	0.040	10	603-RC0805FR- 074K7L	0.027	10	223-0528	CRG0805F4K7	0.023	50
	2	4K7	0805	R29, R65	2861530	CRGCQ0805F4K7	0.012	10	311-4.70KCRCT- ND	0.040	10	603-RC0805FR- 074K7L	0.027	10	223-0528	CRG0805F4K7	0.023	50
73	4	47K	0805	R13, R54, R60	2447664	MCWR08X4702FT L	0.009	10	RHM47KKCT-ND	0.036	10	603-RC0805FR- 0747KL	0.014	10	679-1434	CRCW080547K 0FKEA	0.036	50
	1	47K	0805	R103	2447664	MCWR08X4702FT L	0.009	10	RHM47KKCT-ND	0.036	10	603-RC0805FR- 0747KL	0.014	10	679-1434	CRCW080547K 0FKEA	0.036	50
74	9	2K2	0805	R16, R32, R40, R49, R55, R72, R73, R75, R76	9237534	RC0805FR- 072K2L	0.037	10	311-2.20KCRCT- ND	0.039	10	603-RC0805FR- 072K2L	0.026	10	679-1207	CRCW08052K2 0FKEA	0.039	50
	2	2K2	0805	R69, R98	9237534	RC0805FR- 072K2L	0.037	10	311-2.20KCRCT- ND	0.039	10	603-RC0805FR- 072K2L	0.026	10	679-1207	CRCW08052K2 0FKEA	0.039	50
75	16	10K	0805	R2, R6, R17, R21, R22, R23, R24, R30, R45, R46, R57, R62, R66, R81, R89, R93	9237755	RC0805FR- 0710KL	0.022	10	311-10.0KCRCT- ND	0.039	10	603-RC0805FR- 0710KL	0.014	10	125-1189	CRG0805F10K	0.002	100
	4	10K	0805	R83, R88, R99, R100	9237755	RC0805FR- 0710KL	0.022	10	311-10.0KCRCT- ND	0.039	10	603-RC0805FR- 0710KL	0.014	10	125-1189	CRG0805F10K	0.002	100
76	1	86K6	0805	R20	2303750RL	ERJ6ENF8662V	0.058	10	311-86.6KCRCT- ND	0.036	10	603- RT0805FRE0786 K6L	0.056	10	-			
77	2	0R1/2-3W	2512	R25, R26	2828391	MCLRP12JTWSR1 00	0.240	10	696-1680-1-ND	0.465	10	71- RCWE2512R100 FKEA	0.418	10	693-4394	CRA2512-FZ- R100ELF	0.644	5
78	1	2R2/2-3W	2512	R28	1265193	35202R2JT	0.143	10	CRM2512-JW- 2R2ELFCT-ND	0.342	10	279-35222R2JT	0.296	10	871-1023	35222R2JT	0.449	10
79	1	R008/2-3W	2512	R3	2828273	MCLRP12FTWSR0 08	0.272	10	YAG2162CT-ND	0.463	10	755- PMR100HZPFU8 L00	0.397	10	824-0329	CRE2512-FZ- R008E-2	0.498	10
80	1	5K6	0805	R36	2447693	MCWR08X5601FT L	0.010	10	RC0805FR- 075K6L	0.037	10	RC0805FR- 075K6L	0.027	10	679-1572	CRCW08055K6 0FKEA	0.029	50
81	1	220R	0805	R38, R59, R86, R98	1099795	WCR0805-220RFI	0.019	10	RMCF0805FT22 0RCT-ND	0.020	10	603-RC0805FR- 13220RL	0.020	10	223-0332	CRG0805F220R	0.018	50
	1	220R	0805	R39	1099795	WCR0805-220RFI	0.019	10	RMCF0805FT22 0RCT-ND	0.020	10	603-RC0805FR- 13220RL	0.020	10	223-0332	CRG0805F220R	0.018	50
82	2	7K5 0.1%	0805	R39, R48	1575887	MCTC0525B7501T 5E	0.203	10	YAG1974CT-ND	0.265	10	279- CPF0805B7K5E	0.249	10	-			
83	2	15R	1206	R4, R47	2861939	CRGCQ1206J15R	0.140	10	RNCP1206FTD1 5R0CT-ND	0.081	10	279- CRGH1206F15R	0.031	10	223-2013	CRG1206F15R	0.008	50
84	1	22K	0805	R41	2447607	MCWR08X2202FT L	0.010	10	RMCF0805FT22 K0CT-ND	0.024	10	71- CRCW080522K0 FKEAC	0.018	100	679-1109	CRCW080522K 0FKEA	0.034	50
85	2	124K 0.1%	0805	R43, R44	2670132	WF08U1243BTL	0.025	10	P124KDACT-ND	0.269	10	667-ERJ- PB6B1243V	0.160	10	123-1601	CPF0805B124K E1	0.223	10
86	7	10R	1206	R5, R12, R14, R15, R33, R34, R77	9236643	RC1206FR- 0710RL	0.050	10	311-10.0CRCT- ND	0.071	10	603-RC1206FR- 0710RL	0.034	10	740-9085	CR1206-FX- 10R0ELF	0.036	50
87	2	39K 0.1%	0805	R52, R59	2337828	MCWF08R3902BT L	0.276	10	P20774CT-ND	0.268	10	279- CPF0805B39KE	0.122	10	866-7418	CPF-A- 0805B39KE1	0.343	10
88	2	820R 0.1%	0805	R53, R63	2338010	MCWF08R8200BT L	0.276	10	YAG1979CT-ND	0.262	10	603- RT0805BRD078 20RL	0.196	10	866-7484	CPF-A- 0805B820RE1	0.265	10
89	2	1R	0805	R56, R101	2447598	MCWR08W1R00F TL	0.012	10	311-1.00CRCT- ND	0.071	10	603-RC0805FR- 131RL	0.020	10	740-9151	CR0805-J/- 1R0ELF	0.027	50

#	TME					THT		SMD		Price calculation for 1 set				DCP405B version			
	Qty	Part name	Code / Part Number	Unit price €	MOQ					Best Supplier	Lowest unit price €	Order Qty	Line Cost €	Installed	THT	SMD	Line cost €
69	1	BCP56	BCP56-16T1G	0.153	5		1	RS	0.138 €	1	0.138	No					
70	1	NZT605	NZT605	0.222	5		1	TME	0.222 €	1	0.222	Yes	0	1	0.222		
71	1	BSS205NH6327XTSA1	BSS205NH6327XTSA 1	0.097	10		1	TME	0.097 €	1	0.097	Yes	0	1	0.097		
72	9	4K7	0805S8F4701T5E	0.023	100		9	Farnell	0.012 €	9	0.105	Yes	0	9	0.105		
	2	4K7	0805S8F4701T5E	0.023	100		2	Farnell	0.012 €	2	0.023	No					
73	4	47K	RC0805FR-0747K	0.022	100		4	Farnell	0.009 €	4	0.038	Yes	0	4	0.038		
	1	47K	RC0805FR-0747K	0.022	100		1	Farnell	0.009 €	1	0.009	No					
74	9	2K2	0805S8F2201T5E	0.022	100		9	TME	0.022 €	9	0.201	Yes	0	9	0.201		
	2	2K2	0805S8F2201T5E	0.022	100		2	TME	0.022 €	2	0.045	No					
75	16	10K	RC0805FR-0710K	0.022	100		16	RS	0.002 €	16	0.032	Yes	0	16	0.032		
	4	10K	RC0805FR-0710K	0.022	100		4	RS	0.002 €	4	0.008	No					
76	1	86K6	CRCW080586K6FKTA BC	0.025	100		1	TME	0.025 €	1	0.025	Yes	0	1	0.025		
77	2	0R1/2-3W	LRP12FTDRR100	0.155	10		2	TME	0.155 €	2	0.310	Yes	0	2	0.310		
78	1	2R2/2-3W	WF25P2R2JTL	0.072	10		1	TME	0.072 €	1	0.072	No					
79	1	R008/2-3W	LRP12FTWRR008	0.149	10		1	TME	0.149 €	1	0.149	Yes	0	1	0.149		
80	1	5K6	0805S8F5601T5E	0.023	100		1	Farnell	0.010 €	1	0.010	Yes	0	1	0.010		
81	1	220R	0805S8F2200T5E	0.022	100		1	RS	0.018 €	1	0.018	Yes	0	1	0.018		
	1	220R	0805S8F2200T5E	0.022	100		1	RS	0.018 €	1	0.018	No					
82	2	7K5 0.1%	AR05BTCW7501	0.105	10		2	TME	0.105 €	2	0.210	Yes	0	2	0.210		
83	2	15R	1206S4J0150T5E	0.012	100		2	RS	0.008 €	2	0.016	Yes	0	2	0.016		
84	1	22K	0805S8J0223T5E	0.013	100		1	Farnell	0.010 €	1	0.010	Yes	0	1	0.010		
85	2	124K 0.1%	-				2	Farnell	0.025 €	2	0.050	Yes	0	2	0.050		
86	7	10R	1206S4J0100T5E	0.012	100		7	TME	0.012 €	7	0.087	Yes	0	7	0.087		
87	2	39K 0.1%	AR05BTCW3902	0.105	10		2	TME	0.105 €	2	0.211	Yes	0	2	0.211		
88	2	820R 0.1%	AR05BTCW8200	0.105	10		2	TME	0.105 €	2	0.211	Yes	0	2	0.211		
89	2	1R	0805S8F100KT5E	0.032	100		2	Farnell	0.012 €	2	0.023	Yes	0	2	0.023		

#	Farnell / Element14								Digi-Key			Mouser			RS Components			
	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Code	Part Number	Unit price €	MOQ
90	1	0R010	2512, low TCR	R61	2808330	GMR100HTBFA10 L0	1.130	5	511-1686-1-ND	1.350	1	755- GMR100HTBFA1 0L0	1.080	1	-			
91	1	270R	0805	R68	2073716	MCMR08X271 JTL	0.009	10	RMCF0805FT27 0RCT-ND	0.025	10	652-CR0805FX- 2700ELF	0.013	10	223-0348	CRG0805F270R	0.025	50
92	5	100K	0805	R7, R10, R18, R51, R67	2447551	MCWR08X1003FT L	0.010	10	RMCF0805FT10 0KCT-ND	0.024	10	71- CRCW0805100K FKEAC	0.040	10	223-0691	CRG0805F100K	0.028	50
	2	100K	0805	R90, R106	2447551	MCWR08X1003FT L	0.010	10	RMCF0805FT10 0KCT-ND	0.024	10	71- CRCW0805100K FKEAC	0.040	10	223-0691	CRG0805F100K	0.028	50
93	4	470R	0805	R70, R71, R74, R80	1099798	WCR0805-470RFI	0.019	10	311-470CRCT- ND	0.039	10	71- CRCW0805470R FKEB	0.041	10	223-0376	CRG0805F470R	0.021	50
	1	470R	0805	R105	1099798	WCR0805-470RFI	0.019	10	311-470CRCT- ND	0.039	10	71- CRCW0805470R FKEB	0.041	10	223-0376	CRG0805F470R	0.021	50
94	2	330R	0805	R84, R86	2695037	MCWR08X331 JTL	0.009	10	A129743CT-ND	0.045	10	652-CR0805FX- 3300ELF	0.013	10	223-0354	CRG0805F330R	0.040	50
95	3	330R	0805	R78, R95, R104	2695037	MCWR08X331 JTL	0.009	10	A129743CT-ND	0.045	10	652-CR0805FX- 3300ELF	0.013	10	223-0354	CRG0805F330R	0.040	50
96	1	AC01000002207JA100	THT; power resistor	R87	1735024	AC01000002207JA 100	0.450	1	BC3422CT-ND	0.500	1	594- AC010002207JA 100	0.360	1	683-0860	AC01000002207 JA100	0.416	10
97	2	1K	0805	R8, R58, R64	1099800	WCR0805-1K0FI	0.019	10	RC0805FR- 071KL	0.039	10	603-RC0805FR- 071KL	0.015	10	223-0427	CRG0805F1K0	0.017	50
	4	1K	0805	R37, R85, R97	1099800	WCR0805-1K0FI	0.019	10	RC0805FR- 071KL	0.039	10	603-RC0805FR- 071KL	0.015	10	223-0427	CRG0805F1K0	0.017	50
98	2	330K	0805	R9, R19	2447637	MCWR08X3303FT L	0.010	10	A126361CT-ND	0.046	10	652-CR0805FX- 3303ELF	0.013	10	679-1272	CRCW0805330 KFKEA	0.038	50
99	1	6R2	0805	R91	2447714	MCWR08W6R20F TL	0.012	10	311-6.20CRCT- ND	0.070	10	603-RC0805FR- 076R2L	0.020	10	-			
100	2	750R	0805	R96, R102	2447719	MCWR08X7500FT L	0.010	10	A126385CT-ND	0.046	10	71- CRCW0805750R FKEB	0.052	10	215-2298	RN73C2A750RB	0.666	5
101	2	DR1206-33R-4/8	1206 resistor array	RN1, RN2	1770128	CAY16-330J4LF	0.069	10	CAY16- 330J4LFCT-ND	0.090	1	652-CAY16- 330J4LF	0.085	1	522-5670	CAY16-330J4LF	0.004	50
102	1	SRF0703-821M	0703	TR1	1852832	SRF0703-821M	0.827	1	SRF0703- 821MCT-ND	0.900	1	652-SRF0703- 821M	0.681	1	-			
103	1	39-30-1020	THT, Minifit Jr. 2-pin, right angle	X1	9963367	39-30-1020	0.408	10	WM1351-ND	0.510	1	538-39-30-1020	0.498	1	510-9837	39-30-1020	0.352	5
104	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	-			
105	1	1844249	THT; Pluggable Terminal Blocks; 3.5mm; 5-pin	X3	2776334	MC 1,5/ 5-G-3,5	1.830	1	277-5789-ND	2.070	1	651-1844249	2.030	1	-			
106	1	DS1024-2*10R0	THT, 20-pin 0.1" receptacle right angled	X4	1668376	SSW-110-02-G-D- RA	2.640	1	SAM10030-ND	1.770	1	200- SSW11002TDRA	1.750	1	180-0986	SSW-110-02-T- D-RA	2.100	1
107	1	SMAJ51A	SMA	ZD1	2677667	SMAJ51A	0.144	5	SMAJ51ALFCT- ND	0.370	1	652-SMAJ51A	0.463	1	171-4238	SMAJ51A	0.320	25
108	1	MM3Z9V1T1G	SOD-323	ZD2	2463517	MM3Z9V1T1G	0.124	5	MM3Z9V1T1GO SCT-ND	0.120	1	863- MM3Z9V1T1G	0.108	10	802-4653	MM3Z9V1T1G	0.039	200
109	1	SLVU2.8-TP	TVS, SOT-23	ZD3	2749173	SLVU2.8HTG	0.929	5	SLVU2.8- TPMSCT-ND	0.690	1	833-SLVU2.8-TP	0.664	1	793-1942	SLVU2.8HTG	1.000	5

Not installed																		
1	N.C.	0805		C14														

#	TME					THT	SMD	Price calculation for 1 set				DCP405B version			
	Qty	Part name	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €	Installed	THT	SMD	Line cost €
90	1	0R010	-				1	Mouser	1.080 €	1	1.080	Yes	0	1	1.080
91	1	270R	0805S8F2700T5E	0.023	100		1	Farnell	0.009 €	1	0.009	Yes	0	1	0.009
92	5	100K	0805S8F1003T5E	0.015	100		5	Farnell	0.010 €	5	0.049	Yes	0	5	0.049
	2	100K	0805S8F1003T5E	0.015	100		2	Farnell	0.010 €	2	0.019	No			
93	4	470R	RC0805FR-07470R	0.022	100		4	Farnell	0.019 €	4	0.076	Yes	0	4	0.076
	1	470R	RC0805FR-07470R	0.022	100		1	Farnell	0.019 €	1	0.019	No			
94	2	330R	0805S8F3300T5E	0.015	100		2	Farnell	0.009 €	2	0.019	Yes	0	2	0.019
95	3	330R	0805S8F3300T5E	0.015	100		3	Farnell	0.009 €	3	0.028	No			
96	1	AC01000002207JA100	-			1		Mouser	0.360 €	1	0.360	No			
97	2	1K	RC0805FR-071K	0.022	100		2	Mouser	0.015 €	2	0.030	Yes	0	2	0.030
	4	1K	RC0805FR-071K	0.022	100		4	Mouser	0.015 €	4	0.060	No			
98	2	330K	0805S8F3303T5E	0.015	100		2	Farnell	0.010 €	2	0.020	Yes	0	2	0.020
99	1	6R2	RC0805JR-076R2	0.034	100		1	Farnell	0.012 €	1	0.012	No			
100	2	750R	0805S8F7500T5E	0.015	100		2	Farnell	0.010 €	2	0.019	No			
101	2	DR1206-33R-4/8	DR1206-33R-4/8	0.009	100		2	RS	0.004 €	2	0.008	Yes	0	2	0.008
102	1	SRF0703-821M	-				1	Mouser	0.681 €	1	0.681	Yes	0	1	0.681
103	1	39-30-1020	MX-39-30-1020	0.339	5	1		TME	0.339 €	1	0.339	Yes	1		0.339
104	1	77317-104-28LF	-			1		Digikey	1.030 €	1	1.030	Yes	1		1.030
105	1	1844249	-			1		Farnell	1.830 €	1	1.830	No			
106	1	DS1024-2*10R0	ZL263-20DG	0.335	2	1		TME	0.335 €	1	0.335	Yes	1		0.335
107	1	SMAJ51A	SMAJ51A-LF	0.201	3	1		Farnell	0.144 €	1	0.144	Yes	0	1	0.144
108	1	MM3Z9V1T1G	MM3Z9V1T1G	0.020	25		1	TME	0.020 €	1	0.020	No			
109	1	SLVU2.8-TP	-				1	Mouser	0.664 €	1	0.664	No			
						18	258					68.97 €	11	208	57.90 €
Not installed															
1	N.C.						1	Farnell	0.000 €	1	0.000	Yes	0	1	0.000

#	Qty	Part name	Package	Reference designator	Farnell / Element14				Digi-Key			Mouser			RS Components			
					Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Code	Part Number	Unit price €	MOQ
1	N.C.		0805	C82	2896566	VJ0805Y105KXXT W1BC	0.084	5	587-1283-1-ND	0.090	10	603- CC805MKX7R7B B105	0.062	10	451-5770	C0805C105K4R ACTU	0.028	25
1	N.C.		ECAP2G/5	C92														
2	N.C.		0805	C93, C94														
1	N.C.		SOD-123	D8														
1	N.C.		2512	R1	2081875	ASC2512-4K7FT4	0.195	10	A130729CT-ND	0.331	10	279- CRGP2512F4K7	0.180	10	224-0424	35204K7JT	1.370	10
1	N.C.		0805	R101	9237755	RC0805FR- 0710KL	0.022	10	311-10.0KCRCT- ND	0.039	10	603-RC0805FR- 0710KL	0.014	10	125-1189	CRG0805F10K	0.002	100

Related parts and accessories

2	PMB-1	PCB bracket; polyamide	KK1, KK2	-					-			-			-			
1	SK96/84/SA	Heatsink 84 x 55 x 28 mm	KK3	-					-			-			-			
2	B3X5/BN661	Screw; M3x5; countersunk; Phillips; A2 stainless steel																
2	M3X5/D7985	Screw; M3x5; cheese head; Phillips for PCB brackets		-					-			-			-			
5	M3X8/D7985B	Screw; M3x8; cheese head; black; Phillips for heatsink and TO-220 parts		-					-			-			-			
3	B3/BN789	Washer; externally serrated; M3; D=6mm; h=0.4mm		-					-			-			-			
2	522.725	20 x 5 mm, 6.3A fuse; time lag; ceramic																
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	106-5854	LRS-150F-48	21.730	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 180 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.

#	TME					THT		SMD		Price calculation for 1 set				DCP405B version			
	Qty	Part name	Code / Part Number	Unit price €	MOQ					Best Supplier	Lowest unit price €	Order Qty	Line Cost €	Installed	THT	SMD	Line cost €
1	N.C.	CL21B105KOFNNNE	0.010	100		1	TME	0.010 €	1	0.010	Yes	0	1	0.010			
1	N.C.					1	Farnell	0.000 €	1	0.000	No						
2	N.C.					2	Farnell	0.000 €	2	0.000	Yes	0	2	0.000			
1	N.C.					1	Farnell	0.000 €	1	0.000	Yes	0	1	0.000			
1	N.C.	CRCW25124K70FKTH BC	0.113	10		1	TME	0.113 €	1	0.113	No						
1	N.C.	RC0805FR-0710K	0.022	100		1	RS	0.002 €	1	0.002	Yes	0	1	0.002			
Related parts and acces:																	
2	PMB-1	PMB-1	0.072	10			TME	0.072 €	2	0.145	Yes	0	0	0.145			
1	SK96/84/SA	SK96/84SA	2.360	1			TME	2.360 €	1	2.360	Yes	0	0	2.360			
2	B3X5/BN661	B3X5/BN661	0.015	100			TME	0.015 €	2	0.029	Yes	0	0	0.029			
2	M3X5/D7985	M3X5/D7985	0.012	100			TME	0.012 €	2	0.024	Yes	0	0	0.024			
5	M3X8/D7985B	M3X5/D7985	0.012	100			TME	0.012 €	5	0.060	Yes	0	0	0.060			
3	B3/BN789	B3/BN789	0.010	100			TME	0.010 €	3	0.030	Yes	0	0	0.030			
2	522.725	ZCT-6.3A	0.152	10			TME	0.152 €	2	0.304	No						
1	LRS-150F-48	LRS-150F-48	15.650	1			TME	15.650 €	1	15.650	Yes	0	0	15.650			
1	TBC-07	TBC-07	0.260	1			Digikey	0.260 €	1	0.260	Yes	0	0	0.260			
										18.86 €	18.56 €						
Custom made componei																	
1	PCB						ALLPCB	8.829 €	1	8.829	Yes	0	0	8.829			
										8.83 €	8.83 €						
Total										96.66 €	Total 85.29 €						