

EEZ DIB DCP405(B) BOM (r2B5, 2019-08-30)
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
5	1	470p	0805	C41	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
6	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
7	2	120p	C0G, 0805	C17, C60	1759204	MC0805N121J500 CT	0.061	10	311-1112-6-ND	0.093	10	603-CC805JRNPO9B N121	0.065	10	788-0471	VJ0805D121KX PAJ	0.304	10
8	5	4n7	C0G, 0805	C18, C72, C73, C74, C75	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
9	2	HHXC630A330MHA0G	Ø8mm, low ESR	C2, C90	-	-	-	-	-	-	-	661-HHXC630A330M HA0G	0.891	1	-	-	-	-
10	4	4u7	1206	C20, C21, C28, C63	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
11	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
12	2	330p	C0G, 0805	C25, C44	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
13	2	22u	1210, 25V	C26, C27	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
14	4	10n	0805	C29, C34, C47, C52	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
15	3	10n	0805	C71, C87, 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
16	1	18p	C0G, 0603	C30	2896373	VJ0603A180JXAC W1BC	0.016	10	1276-1089-1-ND	0.048	10	80-C0603C180J5G7 867	0.023	10	147-415	C0603C180J5G ACTU	0.032	50
17	2	2n2	0805	C42, C45	2896572	VJ0805Y222KXAC W1BC	0.028	10	720-1604-1-ND	0.063	10	77-VJ0805Y222KXB AC	0.032	50	264-4359	C0805C222K5R ACTU	0.031	25
18	1	2n2	0805	C88	2896572	VJ0805Y222KXAC W1BC	0.028	10	720-1604-1-ND	0.063	10	77-VJ0805Y222KXB AC	0.032	50	264-4359	C0805C222K5R ACTU	0.031	25
19	3	33p	C0G, 0603	C43, C46, 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
20	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	-	-	-	-
21	6	1u	0805	C51, C54, C66, C67, C77, C79	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
22	1	6n8	0805	C53	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
23	1	1n	0805	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

#	TME					THT		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	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
5	1	470p	CC0805JRNPO9BN47 1	0.024	100		1	TME	0.024 €	1	0.024	No			
6	1	EEEFK1H470P	EEEFK1H470P	0.183	5		1	TME	0.183 €	1	0.183	Yes	0	1	0.183
7	2	120p	CL21C121JBANNNC	0.033	100		2	TME	0.033 €	2	0.066	Yes	0	2	0.066
8	5	4n7	GRM2165C1H472JA0 1D	0.021	100		5	TME	0.021 €	5	0.105	Yes	0	5	0.105
9	2	HHXC630A330MHA0G	-				2	Mouser	0.891 €	2	1.782	Yes	0	2	1.782
10	4	4u7	GCM31CR71E475KA5 5L	0.381	10		4	Mouser	0.129 €	4	0.516	Yes	0	4	0.516
11	2	2u2	CL31B225KBHNNNE	0.029	50		2	TME	0.029 €	2	0.057	Yes	0	2	0.057
12	2	330p	CL21C331JBANNNC	0.029	100		2	TME	0.029 €	2	0.058	Yes	0	2	0.058
13	2	22u	CL32A226KAJNNNE	0.158	10		2	TME	0.158 €	2	0.316	Yes	0	2	0.316
14	4	10n	CC0805KRX7R9103	0.027	100		4	Digikey	0.017 €	4	0.068	Yes	0	4	0.068
15	3	10n	CC0805KRX7R9103	0.027	100		3	Digikey	0.017 €	3	0.051	No			
16	1	18p	CL10C180JB8NNNC	0.015	100		1	TME	0.015 €	1	0.015	Yes	0	1	0.015
17	2	2n2	VJ0805Y222KXACW1 BC	0.020	100		2	TME	0.020 €	2	0.039	Yes	0	2	0.039
18	1	2n2	VJ0805Y222KXACW1 BC	0.020	100		1	TME	0.020 €	1	0.020	No			
19	3	33p	CL21C330JBANNNC	0.015	100		3	TME	0.015 €	3	0.045	Yes	0	3	0.045
20	2	4u7/100V	-				2	Mouser	0.629 €	2	1.258	Yes	0	2	1.258
21	6	1u	CL21B105KOFNNNE	0.010	100		6	TME	0.010 €	6	0.062	Yes	0	6	0.062
22	1	6n8	CL21B682KBANNNC	0.327	100		1	Mouser	0.029 €	1	0.029	Yes	0	1	0.029
23	1	1n	CL21C102JBCNNNC	0.026	100		1	TME	0.026 €	1	0.026	Yes	0	1	0.026

#	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
24	2	1n	0805	C83, C84	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
25	1	4u7 tant.	1206	C65	2321209	T491A475K006AT	0.372	1		399-9717-1-ND	0.270	10	80- T491A475K006	0.265	10	538-2335	T491A475K006 AT	0.290	10
26	4	3n3	0805	C69, C70, C73, C74	2896578	VJ0805Y332KXAC W1BC	0.025	10		1276-1260-1-ND	0.039	10	80- C0805C332K5R	0.024	10	237-7009	GRM216R71H3 32KA01D	0.060	50
27	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
28	2	470n	0805	C8, C88	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
29	27	100n	0603	C9, C24, C31, C32, C33, C35, C36, C37, C38, C39, C40, C48, C49, C50, C55, C56, C57, C61, C62, C64, C68, C69, C76, C78, C80, C85, C86	2522597	C0603C104K4RAC 7081	0.011	10		490-4774-1-ND	0.029	100	80- C0603C104M4R	0.007	100	393-6952	VJ0603Y104KXJ AT	0.069	25
30	2	100n	0603	C70, C82	2522597	C0603C104K4RAC 7081	0.011	10		490-4774-1-ND	0.029	100	80- C0603C104M4R	0.007	100	393-6952	VJ0603Y104KXJ AT	0.069	25
31	5	BAS316	SOD-323	D1, D3, D10, D11, 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
32	6	BAS316	SOD-323	D9, D13, 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
33	1	SK55	SMB	D12	1299292	SK56C	0.608	1		SK55L-TPMSCT- ND	0.430	1	833-SK56A-LTP	0.489	1	743-5961	SK56B R4	0.443	10
34	1	SK10100D1-DIO	DPAK	D18	-					SBRT10U60D1- 13DICT-ND	0.810	1	621- SBRT10U60D1Q -13	0.777	1	-			
35	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
36	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
37	2	SKL14	SOD-123	D6, D7	2760412	PMEG4010EGWX	0.204	5		1727-7335-1-ND	0.243	10	841- PMEG4010EGW X	0.188	10	153-0632	PMEG4010EGW X	0.078	100
38	1	SKL14	SOD-123	D8	2760412	PMEG4010EGWX	0.204	5		1727-7335-1-ND	0.243	10	841- PMEG4010EGW X	0.188	10	153-0632	PMEG4010EGW X	0.078	100
39	2	ZH32	ZH32	F1, F2	-					-			-			-			
40	3	BLM18AG102SH1D	0603	FB1, FB2, FB3	1515671	BLM18AG102SN1 D	0.053	10		490-7809-1-ND	0.081	10	81- BLM18AG102SH 1D	0.063	10	839-0803	BLM18AG102S H1D	0.043	100
41	1	LTC3864EMSE#PBF	TSSOP-12	IC1	-					LTC3864EMSE# PBF-ND	4.440	1	584- LTC3864EMSE# PBF	4.360	1	-			
42	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
43	1	74AUP1G74DC.125	VSSOP-8	IC12	2445023	74AUP1G74DC,12 5	0.369	1		1727-6029-1-ND	0.430	1	771- AUP1GDC125	0.419	1	813-9254	74AUP1G74DC, 125	0.408	20
44	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
45	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
46	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
47	1	DAC8552IDGKR	VSSOP-8	IC16	-					296-46082-1-ND	6.430	1	595- DAC8552IDGKR	6.150	1	-			

#	TME					THT		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 €
24	2	1n	CL21C102JBCNNNC	0.026	100		2	TME	0.026 €	2	0.051	No			
25	1	4u7 tant.	T491A475K006AT	0.099	10		1	TME	0.019 €	1	0.019	Yes	0	1	0.019
26	4	3n3	VJ0805Y333KXACW1 BC	0.023	100		4	TME	0.023 €	4	0.092	Yes	0	4	0.092
27	1	1u/100V	-				1	Mouser	0.227 €	1	0.227	Yes	0	1	0.227
28	2	470n	C0805C474K4RAC	0.021	100		2	TME	0.021 €	2	0.042	Yes	0	2	0.042
29	27	100n	CL10B104KA8NNNC	0.098	100		27	Mouser	0.007 €	27	0.189	Yes	0	27	0.189
30	2	100n	CL10B104KA8NNNC	0.098	100		2	Mouser	0.007 €	2	0.014	No			
31	5	BAS316	BAS316,115	0.026	25		5	TME	0.026 €	5	0.132	Yes	0	5	0.132
32	6	BAS316	BAS316,115	0.026	25		6	TME	0.026 €	6	0.159	No			
33	1	SK55	SK55-DIO	0.119	5		1	TME	0.119 €	1	0.119	Yes	0	1	0.119
34	1	SK10100D1-DIO	SK10100D1-DIO	0.310	3		1	TME	0.310 €	1	0.310	Yes	0	1	0.310
35	1	STPS15H100	-				1	Farnell	1.010 €	1	1.010	Yes	0	1	1.010
36	2	SKL16	SKL16-DIO	0.105	5		2	TME	0.105 €	2	0.210	Yes	0	2	0.210
37	2	SKL14	SKL14-DIO	0.053	10		2	TME	0.053 €	2	0.106	Yes	0	2	0.106
38	1	SKL14	SKL14-DIO	0.053	10		1	TME	0.053 €	1	0.053	No			
39	2	ZH32	ZH32	0.228	5		2	TME	0.228 €	2	0.456	No			
40	3	BLM18AG102SH1D	BLM18AG102SH1D	0.016	50		3	TME	0.016 €	3	0.047	Yes	0	3	0.047
41	1	LTC3864EMSE#PBF	-				1	Mouser	4.360 €	1	4.360	Yes	0	1	4.360
42	1	LTC2050HVCS8#PBF	-				1	RS	2.155 €	1	2.155	Yes	0	1	2.155
43	1	74AUP1G74DC.125	74AUP1G74DC.125	0.323	3		1	TME	0.323 €	1	0.323	Yes	0	1	0.323
44	1	MCP23S17-E/SS	MCP23S17-E/SS	1.230	1		1	Farnell	1.160 €	1	1.160	Yes	0	1	1.160
45	1	TC77-5.0MCTTR	TC77-5.0MCTTR	0.970	1		1	RS	0.514 €	1	0.514	Yes	0	1	0.514
46	1	REF5025AIDR	-				1	Mouser	2.540 €	1	2.540	Yes	0	1	2.540
47	1	DAC8552IDGKR	-				1	Mouser	6.150 €	1	6.150	Yes	0	1	6.150

EEZ DIB DCP405(B) BOM (r2B5, 2019-08-30)
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
48	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
49	1	ADS1120IPWR	TSSOP-16	IC18	-				296-37280-1-ND	6.030	1	595-ADS1120IPWR	5.760	1	-			
50	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
51	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
52	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
53	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
54	1	SN74LVC1G139DCUR	VSSOP-8	IC4	2147991	SN74LVC1G139DCUR	0.561	1	296-18203-1-ND	0.510	1	595-SN74LVC1G139DCUR	0.489	1	-			
55	1	MC78L05	SOIC-8	IC5	2534293	MC78L05ABDR2G	0.324	1	MC78L05ACDR2GOSCT-ND	0.420	1	863-MC78L05ACDR2G	0.306	1	516-6149	MC78L05ACDG	0.150	1
56	1	MC79L05	SOIC-8	IC6	2534292	MC79L05ACDR2G	0.310	1	MC79L05ABDGOS-ND	0.350	1	863-MC79L05ACDR2G	0.358	1	688-9313	MC79L05ACDR2G	0.110	1
57	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
58	2	MC33272ADR2G	SOIC-8	IC9, IC10	2531389	MC33272ADR2G	0.854	1	MC33272ADR2GOSCT-ND	0.910	1	863-MC33272ADR2G	0.865	1	773-7778	MC33272ADR2G	0.865	1
59	1	4907	THT, PCB terminal; 4.8mm	J1	-				36-4907-ND	0.260	1	534-4907	0.257	1	-			
60	1	FCR7350R	THT, binding post 4 mm; red	J2	1854508	FCR7350R	6.170	1	-			-			144-1450	SWEB 8094 Au / RT	4.640	1
61	1	FCR7350B	THT, binding post 4 mm; black	J3	1854507	FCR7350B	5.750	1	-			-			144-1451	SWEB 8094 Au / SW	4.640	1
62	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
63	1	RN112-4-02-0M7	RN112	L1					817-2100-ND	1.560	1	631-RN112-4-02-0M7	1.400	1	-			
64	1	125CDMCCDS-330MC	Power inductor	L2	2211631	7443551331	3.930	1	308-2568-1-ND	1.510	1	851-125CDMCCDS330MC	1.590	1	-			
65	1	VLS6045AF-3R3N	COILCRAFT_HPI0630	L3	1741325	IHLP2020CZER3R3M11	1.940	5	445-180834-1-ND	0.510	1	810-VLS6045AF-3R3N	0.510	1	-			
66	1	WP934MD/2LID	THT, dual (red/red) 3 mm LED	LED1	-				754-2000-ND	0.920	1	604-WP934MD2LID	1.030	1	-			
67	1	WP42WUM/EGW	THT, dual (green/red) 3 mm LED	LED2	-				754-1718-ND	0.930	1	604-WP42WUM/EGW	0.926	1	-			
68	1	WP934MD/LYLID	THT, dual (yellow/red) 3 mm LED	LED3	-				754-2008-ND	0.990	1	604-WP934MDLYLID	0.795	1	-			
69	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
70	2	PSMN0R9-25YLC	SOT-669	Q10, Q11	1895396	PSMN0R9-25YLC,115	1.300	5	1727-5292-1-ND	1.270	1	771-PSMN0R925YLC115	1.320	1	798-2895	PSMN0R9-25YLC,115	1.537	3
71	1	BSS84P	SOT-23	Q12	1056526	BSS84PH6327XTS A2	0.224	5	BSS84PH6433XTMA1CT-ND	0.314	10	726-BSS84PH6327XTSA2	0.196	10	-			
72	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
73	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
74	2	2N7002	SOT-23	Q15, Q16	1713825	2N7002K-7	0.148	5	T2N7002AKLMCT-ND	0.126	10	757-T2N7002AKLM	0.113	10	671-0312	2N7002	1.250	20
75	2	2N7002	SOT-23	Q17, Q22	1713825	2N7002K-7	0.148	5	T2N7002AKLMCT-ND	0.126	10	757-T2N7002AKLM	0.113	10	671-0312	2N7002	1.250	20

#	TME					THT		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 €
48	1	SN74LVC1G3157DCKR	SN74LVC1G3157DCKR	0.107	5		1	TME	0.107 €	1	0.107	No			
49	1	ADS1120IPWR	-				1	Mouser	5.760 €	1	5.760	Yes	0	1	5.760
50	1	LM293D	LM293D-ST	0.143	5		1	TME	0.143 €	1	0.143	Yes	0	1	0.143
51	1	TPS54060DGQ	-				1	Mouser	2.490 €	1	2.490	Yes	0	1	2.490
52	1	MAX9141ESA	-				1	Mouser	0.934 €	1	0.934	No			
53	2	SI8641BB-B-IS1	-				2	Mouser	2.060 €	2	4.120	Yes	0	2	4.120
54	1	SN74LVC1G139DCUR	-				1	Mouser	0.489 €	1	0.489	Yes	0	1	0.489
55	1	MC78L05	MC78L05ACDG	0.228	3		1	RS	0.150 €	1	0.150	Yes	0	1	0.150
56	1	MC79L05	MC79L05ACDG	0.232	3		1	RS	0.110 €	1	0.110	Yes	0	1	0.110
57	1	M24C32-WMN6P	M24C32-WMN6P	0.165	3		1	TME	0.165 €	1	0.165	Yes	0	1	0.165
58	2	MC33272ADR2G	MC33272ADR2G	0.570	1		2	TME	0.570 €	2	1.140	Yes	0	2	1.140
59	1	4907	61-1537-11/0031	0.049	10	1		TME	0.049 €	1	0.049	Yes	1		0.049
60	1	FCR7350R	FCR7350R	2.290	1	1		TME	2.290 €	1	2.290	Yes	1		2.290
61	1	FCR7350B	FCR7350B	2.290	1	1		TME	2.290 €	1	2.290	Yes	1		2.290
62	1	G6K-2F-5DC	G6K-2F-5DC	1.850	1		1	TME	1.850 €	1	1.850	No			
63	1	RN112-4-02-0M7	-			1		Mouser	1.400 €	1	1.400	Yes	1		1.400
64	1	125CDMCCDS-330MC					1	Digikey	1.510 €	1	1.510	Yes	0	1	1.510
65	1	VLS6045AF-3R3N	HPI0630-3R3	0.335	1		1	TME	0.335 €	1	0.335	Yes	0	1	0.335
66	1	WP934MD/2LID	-				1	Digikey	0.920 €	1	0.920	No			
67	1	WP42WUM/EGW	L-42WUM/1EGWT	0.501	1	1		TME	0.501 €	1	0.501	Yes	1		0.501
68	1	WP934MD/LYLID	-				1	Mouser	0.795 €	1	0.795	Yes	1		0.795
69	1	SUD19P06-60	SUD19P06-60-GE3	0.740	1		1	TME	0.740 €	1	0.740	Yes	0	1	0.740
70	2	PSMN0R9-25YLC	PSMN0R9-25YLC.115	0.709	2		2	TME	0.709 €	2	1.418	Yes	0	2	1.418
71	1	BSS84P	BSS84P	0.060	10		1	TME	0.060 €	1	0.060	Yes	0	1	0.060
72	1	BTA26-600	BTA26-600BRG	2.180	1	1		TME	2.180 €	1	2.180	No			
73	1	FMMT493TA	FMMT493TA	0.125	10		1	TME	0.125 €	1	0.125	No			
74	2	2N7002	2N7002LT1G	0.019	25		2	TME	0.019 €	2	0.038	Yes	0	2	0.038
75	2	2N7002	2N7002LT1G	0.019	25		2	TME	0.019 €	2	0.038	No			

#	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
76	3	MMBT5551	SOT-23	Q18, Q20, Q21	1459109	MMBT5551LT1G	0.154	5	MMBT5551LT1G OSCT-ND	0.180	1	863- MMBT5551LT1G	0.170	1	545-0400	MMBT5551LT1 G	0.146	10
77	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
78	2	MMBT5401	SOT-23	Q7, Q19	2533333	MMBT5401LT3G	0.181	5	MMBT5401- FDICT-ND	0.154	10	621-MMBT5401- F	0.135	10	739-0546	MMBT5401	0.157	10
79	2	D45H11	THT, TO-220	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
80	1	STP10P6F6	THT, TO-220	Q5	2807209	STP10P6F6	1.230	1	497-13440-ND	1.530	1	511-STP10P6F6	1.290	1	-			
81	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
82	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
83	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
84	2	330K	0805	R11, R21	2447637	MCWR08X3303FT L	0.010	10	A126361CT-ND	0.046	10	652-CR0805FX- 3303ELF	0.013	10	679-1272	CRCW0805330 KFKEA	0.038	50
85	9	4K7	0805	R13, R30, R36, R44, R52, R81, R83, R93, R95	2861530	CRGCQ0805F4K7	0.012	10	311-4.70KCRCT- ND	0.040	10	603-RC0805FR- 074K7L	0.027	10	223-0528	CRG0805F4K7	0.023	50
86	2	4K7	0805	R31, R96	2861530	CRGCQ0805F4K7	0.012	10	311-4.70KCRCT- ND	0.040	10	603-RC0805FR- 074K7L	0.027	10	223-0528	CRG0805F4K7	0.023	50
87	8	2K2	0805	R18, R33, R43, R57, R74, R75, R76, R77	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
88	2	2K2	0805	R71, R102	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
89	17	10K	0805	R2, R8, R10, R19, R23, R24, R25, R26, R32, R47, R48, R59, R63, R67, R82, R92, R94	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
90	4	10K	0805	R84, R89, R103, R104	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
91	1	86K6	0805	R22	2303750RL	ERJ6ENF8662V	0.058	10	311-86.6KCRCT- ND	0.036	10	603- RT0805FRE0786 K6L	0.056	10	-			
92	2	0R1/2-3W	2512	R27, R28	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
93	1	2R2/2W	2512	R29	1265193	35202R2JT	0.143	10	CRM2512-JW- 2R2ELFCT-ND	0.342	10	279-35222R2JT	0.296	10	871-1023	35222R2JT	0.449	10
94	1	R010/2W	2512	R3	1435947RL	CRA2512-FZ- R010ELF	0.599	10	KRL32C.010CT- ND	0.580	1	652- CRA2512FZR01 0ELF	0.334	10	693-4381	CRA2512-FZ- R010ELF	0.508	5
95	1	5K6	0805	R37	2447693	MCWR08X5601FT L	0.010	10	RC0805FR- 075K6L	0.037	10	RC0805FR- 075K6L	0.027	10	679-1572	CRCW08055K6 0FKEA	0.029	50
96	1	220R	0805	R38	1099795	WCR0805-220RFI	0.019	10	RMCF0805FT22 0RCT-ND	0.020	10	603-RC0805FR- 13220RL	0.020	10	223-0332	CRG0805F220R	0.018	50
97	1	220R	0805	R40	1099795	WCR0805-220RFI	0.019	10	RMCF0805FT22 0RCT-ND	0.020	10	603-RC0805FR- 13220RL	0.020	10	223-0332	CRG0805F220R	0.018	50
98	1	1K	0805	R66	1099800	WCR0805-1K0FI	0.019	10	RC0805FR- 071KL	0.039	10	603-RC0805FR- 071KL	0.015	10	223-0427	CRG0805F1K0	0.017	50
99	4	1K	0805	R39, R60, R86, R101	1099800	WCR0805-1K0FI	0.019	10	RC0805FR- 071KL	0.039	10	603-RC0805FR- 071KL	0.015	10	223-0427	CRG0805F1K0	0.017	50
100	4	47K	0805	R4, R15, R56, R62	2447664	MCWR08X4702FT L	0.009	10	RHM47KKCT-ND	0.036	10	603-RC0805FR- 0747KL	0.014	10	679-1434	CRCW080547K 0FKEA	0.036	50
101	3	47K	0805	R98, R99, R107	2447664	MCWR08X4702FT L	0.009	10	RHM47KKCT-ND	0.036	10	603-RC0805FR- 0747KL	0.014	10	679-1434	CRCW080547K 0FKEA	0.036	50
102	2	7K5 0.1%	0805	R41, R50	1575887	MCTC0525B7501T 5E	0.203	10	YAG1974CT-ND	0.265	10	279- CPF0805B7K5E	0.249	10	-			

#	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 €
76	3	MMBT5551	MMBT5551	0.024	25		3	TME	0.024 €	3	0.073	No					
77	1	MMBT5401	MMBT5401	0.024	25		1	TME	0.024 €	1	0.024	Yes	0	1	0.024		
78	2	MMBT5401	MMBT5401	0.024	25		2	TME	0.024 €	2	0.047	Yes	0	2	0.047		
79	2	D45H11	D45H11	0.570	1	2		TME	0.570 €	2	1.140	Yes	2		1.140		
80	1	STP10P6F6	STP10P6F6	0.640	1	1		TME	0.640 €	1	0.640	No					
81	1	BCP56	BCP56-16T1G	0.153	5		1	RS	0.138 €	1	0.138	No					
82	1	NZT605	NZT605	0.222	5		1	TME	0.222 €	1	0.222	Yes	0	1	0.222		
83	1	BSS205NH6327XTSA1	BSS205NH6327XTSA1	0.097	10		1	TME	0.097 €	1	0.097	Yes	0	1	0.097		
84	2	330K	0805S8F3303T5E	0.015	100		2	Farnell	0.010 €	2	0.020	Yes	0	2	0.020		
85	9	4K7	0805S8F4701T5E	0.023	100		9	Farnell	0.012 €	9	0.105	Yes	0	9	0.105		
86	2	4K7	0805S8F4701T5E	0.023	100		2	Farnell	0.012 €	2	0.023	No					
87	8	2K2	0805S8F2201T5E	0.022	100		8	TME	0.022 €	8	0.179	Yes	0	8	0.179		
88	2	2K2	0805S8F2201T5E	0.022	100		2	TME	0.022 €	2	0.045	No					
89	17	10K	RC0805FR-0710K	0.022	100		17	RS	0.002 €	17	0.034	Yes	0	17	0.034		
90	4	10K	RC0805FR-0710K	0.022	100		4	RS	0.002 €	4	0.008	No					
91	1	86K6	CRCW080586K6FKTABC	0.025	100		1	TME	0.025 €	1	0.025	Yes	0	1	0.025		
92	2	0R1/2-3W	LRP12FTDRR100	0.155	10		2	TME	0.155 €	2	0.310	Yes	0	2	0.310		
93	1	2R2/2W	WF25P2R2JTL	0.072	10		1	TME	0.072 €	1	0.072	No					
94	1	R010/2W	LRP12FTWRR010	0.147	10		1	TME	0.147 €	1	0.147	Yes	0	1	0.147		
95	1	5K6	0805S8F5601T5E	0.023	100		1	Farnell	0.010 €	1	0.010	Yes	0	1	0.010		
96	1	220R	0805S8F2200T5E	0.022	100		1	RS	0.018 €	1	0.018	Yes	0	1	0.018		
97	1	220R	0805S8F2200T5E	0.022	100		1	RS	0.018 €	1	0.018	No					
98	1	1K	RC0805FR-071K	0.022	100		1	Mouser	0.015 €	1	0.015	Yes	0	1	0.015		
99	4	1K	RC0805FR-071K	0.022	100		4	Mouser	0.015 €	4	0.060	No					
100	4	47K	RC0805FR-0747K	0.022	100		4	Farnell	0.009 €	4	0.038	Yes	0	4	0.038		
101	3	47K	RC0805FR-0747K	0.022	100		3	Farnell	0.009 €	3	0.028	No					
102	2	7K5 0.1%	AR05BTCW7501	0.105	10		2	TME	0.105 €	2	0.210	Yes	0	2	0.210		

EEZ DIB DCP405(B) BOM (r2B5, 2019-08-30)
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
103	1	22K	0805	R42	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
104	2	124K 0.1%	0805	R45, R46	2670132	WF08U1243BTL	0.025	10		P124KDACT-ND	0.269	10	667-ERJ- PB6B1243V	0.160	10	123-1601	CPF0805B124K E1	0.223	10
105	1	15R	1206	R49	2861939	CRGCQ1206J15R	0.140	10		RNCP1206FTD1 5R0CT-ND	0.081	10	279- CRGH1206F15R	0.031	10	223-2013	CRG1206F15R	0.008	50
106	3	1R	0805	R5, R58, R105	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
107	1	36K	0805	R51	2073756	MCMR08X3602FT L	0.014	10		311-36.0KCRCT- ND	0.037	10	652-CR0805FX- 3602ELF	0.018	10	679-1314	CRCW080536K 0FKEA	0.057	50
108	2	39K 0.1%	0805	R54, R61	2337828	MCWF08R3902BT L	0.276	10		P20774CT-ND	0.268	10	279- CPF0805B39KE	0.122	10	866-7418	CPF-A- 0805B39KE1	0.343	10
109	2	820R 0.1%	0805	R55, R65	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
110	1	100R	0805	R6	2447552	MCWR08X1000FT L	0.094	10		311-100CRCT- ND	0.039	10	RC0805FR- 07100RL	0.014	10	679-0807	CRCW0805100 RFKEA	0.043	50
111	1	0R010	2512, low TCR	R64	2808330	GMR100HTBFA10 L0	1.130	5		511-1686-1-ND	1.350	1	755- GMR100HTBFA1 0L0	1.080	1	-			
112	4	470R	0805	R69, R72, R73, 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
113	1	470R	0805	R109	1099798	WCR0805-470RFI	0.019	10		311-470CRCT- ND	0.039	10	71- CRCW0805470R FKEB	0.041	10	223-0376	CRG0805F470R	0.021	50
114	7	10R	1206	R7, R14, R16, R17, R34, R35, R78	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
115	1	270R	0805	R70	2073716	MCMR08X271 JTL	0.009	10		RMCF0805FT27 0RCT-ND	0.025	10	652-CR0805FX- 2700ELF	0.013	10	223-0348	CRG0805F270R	0.025	50
116	3	750R	0805	R79, R100, R106	2447719	MCWR08X7500FT L	0.010	10		A126385CT-ND	0.046	10	71- CRCW0805750R FKEB	0.052	10	215-2298	RN73C2A750RB	0.666	5
117	2	330R	0805	R85, R88	2695037	MCWR08X331 JTL	0.009	10		A129743CT-ND	0.045	10	652-CR0805FX- 3300ELF	0.013	10	223-0354	CRG0805F330R	0.040	50
118	2	330R	0805	R97, R108	2695037	MCWR08X331 JTL	0.009	10		A129743CT-ND	0.045	10	652-CR0805FX- 3300ELF	0.013	10	223-0354	CRG0805F330R	0.040	50
119	1	AC01000001007JA100	R-EU_0411/15	R87	1735022	AC01000001007JA 100	0.441	1		PPC1W.10CT- ND	0.500	1	594- AC01W0R100J	0.349	1	846-9836	AC01000001007 JA100	0.350	1
120	5	100K	0805	R9, R12, R20, R53, R68	2447551	MCWR08X1003FT L	0.010	10		RMCF0805FT10 0KCT-ND	0.024	10	71- CRCW0805100K FKEAC	0.040	10	223-0691	CRG0805F100K	0.028	50
121	2	100K	0805	R90, R110	2447551	MCWR08X1003FT L	0.010	10		RMCF0805FT10 0KCT-ND	0.024	10	71- CRCW0805100K FKEAC	0.040	10	223-0691	CRG0805F100K	0.028	50
122	1	6R2	0805	R91	2447714	MCWR08W6R20F TL	0.012	10		311-6.20CRCT- ND	0.070	10	603-RC0805FR- 076R2L	0.020	10	-			
123	2	DR1206-33R-4/8	R_ARRAY4	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
124	1	SRF0703-821M	0703	TR1	1852832	SRF0703-821M	0.827	1		SRF0703- 821MCT-ND	0.900	1	652-SRF0703- 821M	0.681	1	-			
125	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
126	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	-			
127	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	-			
128	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

#	TME					THT		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 €
103	1	22K	0805S8J0223T5E	0.013	100		1	Farnell	0.010 €	1	0.010	Yes	0	1	0.010
104	2	124K 0.1%	-				2	Farnell	0.025 €	2	0.050	Yes	0	2	0.050
105	1	15R	1206S4J0150T5E	0.012	100		1	RS	0.008 €	1	0.008	Yes	0	1	0.008
106	3	1R	0805S8F100KT5E	0.032	100		3	Farnell	0.012 €	3	0.035	Yes	0	3	0.035
107	1	36K	0805S8J0363T5E	0.013	100		1	TME	0.013 €	1	0.013	Yes	0	1	0.013
108	2	39K 0.1%	AR05BTCW3902	0.105	10		2	TME	0.105 €	2	0.211	Yes	0	2	0.211
109	2	820R 0.1%	AR05BTCW8200	0.105	10		2	TME	0.105 €	2	0.211	Yes	0	2	0.211
110	1	100R	0805S8F1000T5E	0.015	100		1	Mouser	0.014 €	1	0.014	Yes	0	1	0.014
111	1	0R010	-				1	Mouser	1.080 €	1	1.080	Yes	0	1	1.080
112	4	470R	RC0805FR-07470R	0.022	100		4	Farnell	0.019 €	4	0.076	Yes	0	4	0.076
113	1	470R	RC0805FR-07470R	0.022	100		1	Farnell	0.019 €	1	0.019	No			
114	7	10R	1206S4J0100T5E	0.012	100		7	TME	0.012 €	7	0.087	Yes	0	7	0.087
115	1	270R	0805S8F2700T5E	0.023	100		1	Farnell	0.009 €	1	0.009	Yes	0	1	0.009
116	3	750R	0805S8F7500T5E	0.015	100		3	Farnell	0.010 €	3	0.029	No			
117	2	330R	0805S8F3300T5E	0.015	100		2	Farnell	0.009 €	2	0.019	Yes	0	2	0.019
118	2	330R	0805S8F3300T5E	0.015	100		2	Farnell	0.009 €	2	0.019	No			
119	1	AC01000001007JA100	-				1	Mouser	0.349 €	1	0.349	No			
120	5	100K	0805S8F1003T5E	0.015	100		5	Farnell	0.010 €	5	0.049	Yes	0	5	0.049
121	2	100K	0805S8F1003T5E	0.015	100		2	Farnell	0.010 €	2	0.019	No			
122	1	6R2	RC0805JR-076R2	0.034	100		1	Farnell	0.012 €	1	0.012	No			
123	2	DR1206-33R-4/8	DR1206-33R-4/8	0.009	100		2	RS	0.004 €	2	0.008	Yes	0	2	0.008
124	1	SRF0703-821M	-				1	Mouser	0.681 €	1	0.681	Yes	0	1	0.681
125	1	39-30-1020	MX-39-30-1020	0.339	5		1	TME	0.339 €	1	0.339	Yes	1		0.339
126	1	77317-104-28LF	-				1	Digikey	1.030 €	1	1.030	Yes	1		1.030
127	1	1844249	-				1	Farnell	1.830 €	1	1.830	No			
128	1	DS1024-2*10R0	ZL263-20DG	0.335	2		1	TME	0.335 €	1	0.335	Yes	1		0.335

#	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									
129	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									
130	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									
131	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																
1	N.C.	0805	C81		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.	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	PCB-MB-01	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		-					-			-			-				
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				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 €
129	1	SMAJ51A	SMAJ51A-LF	0.201	3		1	Farnell	0.144 €	1	0.144	Yes	0	1	0.144
130	1	MM3Z9V1T1G	MM3Z9V1T1G	0.020	25		1	TME	0.020 €	1	0.020	No			
131	1	SLVU2.8-TP	-				1	Mouser	0.664 €	1	0.664	No			
						18	266						11	212	58.11 €
Not installed															
1	N.C.						1	Farnell	0.000 €	1	0.000	Yes	0	1	0.000
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.	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	PCB-MB-01	PCB-MB-01		0.091	10			TME	0.091 €	2	0.182	Yes	0	0	0.182
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
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
										18.87 €				18.56 €	
Custom made componei															
1	PCB							ALLPCB	8.829 €	1	8.829	Yes	0	0	8.829
										8.83 €				8.83 €	
						Total				96.85 €				Total	
														85.50 €	