#	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	1	DS1092-16-B6P	THT; CR2032 cell battery holder; vertical	B1	2115304	S8401-46	2,190	1	952-1743-1-ND	1,230	1	855-S8401-46	1,220	1
2	42	100n	0603	C1, C4, C7, C11, C13, C14, C15, C16, C17, C18, C20, C23, C24, C25, C26, C27, C28, C29, C32, C35, C36, C38, C39, C40, C41, C42, C43, C44, C49, C53, C55, C59, C60, C61, C62, C63, C64, C65, C67, C68, C69, C70	2522597	C0603C104K4RAC7081	0,073	10	490-4774-1-ND	0,090	100	80-C0603C104M4R	0,085	100
3	1	EEEFK1V470P	Ø6.3 x 5.8 mm	C10	9695850	EEEFK1V470P	0,364	1	PCE3842CT-ND	0,302	10	667-EEE-FK1V470P	0,238	10
4	1	4u7	1206	C19	1907356	C3216X7R1E475K160AC	0,240	5	1276-2970-1-ND	0,199	10	963-EMK316B7475ML-T	0,129	10
5	6	10n	0805	C2, C3, C5, C6, C57, C58										
6	6	1u	0805	C21, C30, C31, C46, C50, C54	2896566	VJ0805Y105KXXTW1BC	0,084	5	587-1283-1-ND	0,090	10	603-CC805MKX7R7BB105	0,062	10
7	3	2u2	0805	C33, C34, C48	1828829	GRM21BR71C225KA12L	0,198	5	1276-2954-1-ND	0,085	10	80-C0805C225M4RECLR	0,078	10
8	2	10u	1206	C37, C66	2494299	GRM32DR71C106KA01L	0,508	1	1276-1150-1-ND	0,246	10	963-EMK325B7106MNHTR	0,213	10
9	1	4u7	1206	C45	1907356	C3216X7R1E475K160AC	0,285	5	1276-2970-1-ND	0,199	10	963-EMK316B7475ML-T	0,129	10
10	2	4u7/6.3V	1206, Tant.	C12, C47	2321209	T491A475K006AT	0,421	5	399-9717-1-ND	0,259	10	80-T491A475K006AT	0,184	10
11	2	470n	0805	C51, C52	2896591	VJ0805Y474KXQTW1BC	0,094	5	1276-2966-1-ND	0,151	10	603-CC0805JK7R9BB474	0,049	10
12	2	18p	0603, C0G	C8, C9	2896373	VJ0603A180JXACW1BC	0,016	10	1276-1089-1-ND	0,048	10	80-C0603C180J5G7867	0,023	10
13	1	SMBJ5.0A-TR	DO-214AA	D1	2353654	SMBJ5.0ATR	0,232	5	497-3144-1-ND	0,263	10	511-SMBJ5.0A	0,306	1
14	1	NSR0240 or RB751V40T1G	SOD-323, low capacitance switching diode	D2	1459171	RB751V40T1G	0,143	5	RB751V40T1GOSCT-ND	0,192	10	863-NSR0240HT1G	0,131	10
15	2	SM005-60	1210 fuse; 50mA	F1, F2	1822205	1210L005WR	0,419	5	507-1782-1-ND	0,110	1	530-0ZCH0005FF2E	0,094	1
16	1	LCBA-600	0603 ferrite bead; 60R; 100MHz	FB1, FB2	1515746	BLM18PG600SN1D	0,049	10	490-1036-1-ND	0,065	1	810-MMZ1608R600ATD25	0,071	10
17	6	TPD4E001DRLR	SOT-6	IC1, IC6, IC7, IC12, IC14, IC16	1611469	TPD4E001DRLR	0,453	5	296-21887-1-ND	0,590	1	595-TPD4E001DRLR	0,536	1
18	1	TPS2051BDBVR	SOT-23-5	IC10	2296067	TPS2051BDBVR	1,080	1	296-21265-1-ND	1,280	1	595-TPS2051BDBVR	1,220	1

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

#	Qty	Part name	RS Components				TME			THT	SMD	Price calculation for 1 set			
			Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
1	1	DS1092-16-B6P	161-3709	S8401-46	1,454	5	DS1092-16-B6P	0,147	10	1		TME	0,147 €	1	0,147
2	42	100n	264-4630	C0603C104K4RACTU	0,035	25	CL10B104KA8NNNC	0,098	100		42	RS	0,035 €	42	1,470
3	1	EEEFK1V470P	537-0657	EEEFK1V470P	0,394	5	EEEFK1V470P	0,130	5		1	TME	0,130 €	1	0,130
4	1	4u7	691-1221	C1206C475K3RACTU	0,232	25	GCM31CR71E475KA55L	0,381	10		1	Mouser	0,129 €	1	0,129
5	6	10n									6	Farnell	0,000 €	6	0,000
6	6	1u	451-5770	C0805C105K4RACTU	0,028	25	CL21B105KOFNNNE	0,010	100		6	TME	0,010 €	6	0,062
7	3	2u2	766-1031	CL21B225KAFNNNF	0,069	100	CL21B225KOFNNNG	0,071	100		3	RS	0,069 €	3	0,207
8	2	10u	103-4184	EMK325B7106KN-T	0,188	20	CL32B106KBJNNNE	0,201	10		2	RS	0,188 €	2	0,376
9	1	4u7	691-1221	C1206C475K3RACTU	0,232	25	GCM31CR71E475KA55L	0,381	10		1	Mouser	0,129 €	1	0,129
10	2	4u7/6.3V	538-2335	T491A475K006AT	0,337	10	T491A475K006AT	0,094	10		2	TME	0,094 €	2	0,187
11	2	470n	174-4499	C0805X474K5RECAUTO	0,091	100	CL21B474KBFNNNE	0,027	100		2	TME	0,027 €	2	0,053
12	2	18p	147-415	C0603C180J5GACTU	0,032	50	CL10C180JB8NNNC	0,015	100		2	TME	0,015 €	2	0,030
13	1	SMBJ5.0A-TR	714-7210	SMBJ5.0A-TR	0,268	25	SMBJ5.0A-TR	0,114	5		1	TME	0,114 €	1	0,114
14	1	NSR0240 or RB751V40T1G	793-1024	NSR0240HT1G	0,053	100	RB751V40T1G	0,036	25		1	TME	0,036 €	1	0,036
15	2	SM005-60	647-8342	MF-USMF005-2	0,278	10	SM005-60	0,085	10		2	TME	0,085 €	2	0,170
16	1	LCBA-600	724-1429	BLM18PG600SN1D	0,055	10	LCBA-600	0,026	25		1	TME	0,026 €	1	0,026
17	6	TPD4E001DRLR	709-9066	TPD4E001DRLR	0,552	5	-				6	Farnell	0,453 €	3	1,359
18	1	TPS2051BDBVR	662-2384	TPS2051BDBVT	1,284	5	-				1	Farnell	1,080 €	1	1,080

#	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
19	1	TPS61169DCKR	SC-70-5	IC11	2542731	TPS61169DCKR	0,661	1	296-40821-1-ND	0,790	1	595-TPS61169DCKR	0,770	1
20	1	TPA6205A1DGN	MSOP-8	IC13	2782859	TPA6205A1DGNR	0,683	1	296-21262-1-ND	0,820	1	595-TPA6205A1DGNR	0,791	1
21	1	AR1021-I/SS	SSOP-20	IC15	2218568	AR1021-I/SS	1,470	1	AR1021-I/SS-ND	1,470	1	579-AR1021-I/SS	1,470	1
22	1	DP83848CVV/NOPB	LQFP-48	IC17	1685784	DP83848CVV/NOPB	4,850	1	DP83848CVV/NOPB-ND	4,280	1	926-DP83848CVV/NOPB	4,260	1
23	1	SN74LVC2G34DBVR	SOT-23	IC2	1470888	SN74LVC2G34DBVR	0,377	1	296-13496-1-ND	0,470	1	595-SN74LVC2G34DBVR	0,451	1
24	1	BTS3408G	SOIC-8	IC3	2480561	BTS3408G	1,380	1	BTS3408GXUMA2CT-ND	1,740	1	726-BTS3408GXUMA2	1,610	1
25	1	STM32F769IGT6	LQFP-176	IC4	-				497-16648-ND	12,850	1	511-STM32F769IGT6	12,780	1
26	1	LD1117ADT33TR	TO-252 (DPAK)	IC5	2849768	LD1117ADT33TR	0,419	1	497-3455-1-ND	0,420	1	511-LD1117ADT33-TR	0,408	1
27	1	IS42S16400J	TSOP-II	IC8	2901167	IS42S16400J-6TLI	2,710	1	IS42S16400J-7TLI	2,050	1	870-IS42S16400J-7TL	1,410	1
28	1	BR24G64FVT-3AGE2	TSSOP-B-8	IC9	-				BR24G64FVT-3AG2CT-ND	0,290	1	BR24G64FVT-3AGE	0,493	1
29	1	503398-1892	SMD; Micro SD, push-push, 8-pin	J1	2358234	503398-1892	1,980	1	WM11190CT-ND	2,160	1	538-503398-1892	1,960	1
30	1	67803-8020	SMD; USB mini AB, OTG, 5-pin	J2	1355761	67803-8020	1,470	1	WM17148CT-ND	1,790	1	538-67803-8020	1,790	1
31	1	DLG-0403-4R7	0403 power inductor	L2	1827980	SDR0403-4R7ML	0,406	5	SDR0403-4R7MLCT-ND	0,424	10	652-SDR0403-4R7ML	0,272	10
32	1	PCA-6-LA-40-HL-3	SMD; FFC/FPC 40-pin lower side entry	LCD1	2135964	62684-401100ALF	0,591	10	609-1195-1-ND	0,810	1	649-62684-401100ALF	0,731	1
33	1	MMBT5551	SOT-23	Q1	1459109	MMBT5551LT1G	0,154	5	MMBT5551LT1GOSCT-ND	0,180	1	863-MMBT5551LT1G	0,170	1
34	10	4K7	0805	R1, R2, R3, R6, R7, R9, R13, R15, R16, R42	2861530	CRGCQ0805F4K7	0,009	10	311-4.70KCRCT-ND	0,090	1	603-RC0805FR-074K7L	0,026	10
35	1	1M	0805	R14	2447596	MCWR08X1004FTL	0,009	10	311-1.00MCRCT-ND	0,039	10	603-RC0805FR-071ML	0,026	10
36	1	0R	0805	R17	9233750	RC0805JR-070RL	0,031	10	RC2012J000CS	0,044	10	RC0805JR-070RL	0,022	10
37	1	47R	0805	R18	2861899	CRGCQ0805J47R	0,007	10	P47.0CCT-ND	0,069	10	279-CRGCQ0805F47R	0,028	10
38	7	47K	0805	R19, R26, R27, R29, R31, R32, R40	2447664	MCWR08X4702FTL	0,010	10	RHM47KKCT-ND	0,074	10	603-RC0805FR-0747KL	0,026	10

EEZ DIB MCU BOM (r1B2, 2018-09-08)
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#	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			
19	1	TPS61169DCKR	-				-				1	Farnell	0,661 €	1	0,661
20	1	TPA6205A1DGN	812-4268	TPA6205A1DGN	0,815	10	TPA6205A1DGN	0,791	1		1	Farnell	0,683 €	1	0,683
21	1	AR1021-I/SS	768-0776	AR1021-I/SS	1,660	1	AR1021-I/SS	1,830	1		1	Farnell	1,470 €	1	1,470
22	1	DP83848CVV/NOPB	651-5738	DP83848CVV/NOPB	4,310	1	DP83848CVV/NOPB	3,000	1		1	TME	3,000 €	1	3,000
23	1	SN74LVC2G34DBVR	662-8963	SN74LVC2G34DBVR	0,458	5	SN74LVC2G34DBVR	0,302	3		1	TME	0,302 €	1	0,302
24	1	BTS3408G	825-9099	BTS3408GXUMA2	1,271	10	BTS3408	0,860	2		1	TME	0,860 €	1	0,860
25	1	STM32F769IGT6	-				STM32F769IGT6	12,250	1		1	TME	12,250 €	1	12,250
26	1	LD1117ADT33TR	686-9123	LD1117ADT33TR	0,499	10	LD1117ADT33	0,521	3		1	Mouser	0,408 €	1	0,408
27	1	IS42S16400J	811-5125	IS42S16400J-7TLI	2,565	2	IS42S16400J-7TL	2,050	1		1	Mouser	1,410 €	1	1,410
28	1	BR24G64FVT-3AGE2	-				-				1	Digikey	0,290 €	1	0,290
29	1	503398-1892	880-1277	503398-1892	2,600	1	MX-503398-1892	0,860	2	1		TME	0,860 €	1	0,860
30	1	67803-8020	720-6618	67803-8020	1,540	5	MX-67803-8020	0,590	1	1		TME	0,590 €	1	0,590
31	1	DLG-0403-4R7	-				DLG-0403-4R7	0,129	10		1	TME	0,129 €	1	0,129
32	1	PCA-6-LA-40-HL-3	771-0098	62684-401100ALF	0,591	10	PCA-6-LA-40-HL-3	0,690	1		1	Farnell	0,591 €	1	0,591
33	1	MMBT5551	545-0400	MMBT5551LT1G	0,146	10	MMBT5551	0,024	25		1	TME	0,024 €	1	0,024
34	10	4K7	223-0528	CRG0805F4K7	0,010	50	SMD0805-4K7-1%	0,022	100		10	Farnell	0,009 €	10	0,086
35	1	1M	223-0821	CRG0805F1M0	0,020	50	SMD0805-1M-1%	0,022	100		1	Farnell	0,009 €	1	0,009
36	1	0R	679-0800	CRCW080500000Z0EA	0,023	50	SMD0805-0R	0,018	100		1	TME	0,018 €	1	0,018
37	1	47R	223-0253	CRG0805F47R	0,016	50	SMD0805-47R-1%	0,022	100		1	Farnell	0,007 €	1	0,007
38	7	47K	679-1434	CRCW080547K0FKEA	0,046	50	SMD0805-47K-1%	0,022	100		7	Farnell	0,010 €	7	0,067

#	Qty	Part name	Package	Reference designator	Farnell / Element14 Code	Farnell / Element14 Part Number	Unit price €	MOQ	Digi-Key Part Number	Unit price €	MOQ	Mouser Part Number	Unit price €	MOQ
39	4	22R	0805	R20, R21, R33, R34	1099795	WCR0805-220RFI	0,019	10	RMCF0805FT22R0CT-ND	0,020	10	RC0805FR-07220RL	0,026	10
40	2	10R	0805	R28, R30	9236643	RC1206FR-0710RL	0,050	10	311-10.0CRCT-ND	0,071	10	603-RC1206FR-0710RL	0,034	10
41	3	20K	0805	R36, R39, R41	2447603	MCWR08X2002FTL	0,010	10	541-4133-1-ND	0,040	10	755-KTR10EZPF2002	0,132	10
42	2	1K	0805	R4, R8	1099800	WCR0805-1K0FI	0,019	10	RC0805FR-071KL	0,039	10	603-RC0805FR-071KL	0,015	10
43	1	1K5	0805	R43	2861908	CRGCQ0805J1K5	0,007	10	541-4161-1-ND	0,041	10	279-CRGCQ0805F1K5	0,085	10
44	4	49R9	0805	R44, R45, R48, R53	2447669	MCWR08X49R9FTL	0,009	10	311-49.9CRCT-ND	0,039	10	603-RC0805FR-0749R9L	0,026	10
45	9	2K2	0805	R46, R47, R49, R51, R52, R54, R57, R58, R60	9237534	RC0805FR-072K2L	0,037	10	311-2.20KCRCT-ND	0,039	10	603-RC0805FR-072K2L	0,026	10
46	11	10K	0805	R5, R10, R11, R12, R22, R23, R24, R25, R35, R37, R38	9237755	RC0805FR-0710KL	0,022	10	311-10.0KCRCT-ND	0,039	10	603-RC0805FR-0710KL	0,014	10
47	3	220R	0805	R50, R55, R56	1099795	WCR0805-220RFI	0,019	10	RMCF0805FT220RCT-ND	0,020	10	603-RC0805FR-13220RL	0,020	10
48	1	4K87	0603	R59	2447387	MCWR06X4871FTL	0,006	10	RMCF0603FT4K87CT-ND	0,015	10	279-CPF0603F4K87C1	0,005	25
49	4	DR1206-33R-4/8	1206; resistor array	RN1, RN2, RN3, RN4	1770128	CAY16-330J4LF	0,069	10	CAY16-330J4LFCT-ND	0,090	1	652-CAY16-330J4LF	0,085	1
50	1	LD-BZEL-M1313	SMD; loudspeaker 0.7W; 13x13x4mm; 88dB	SP1	-					-			-		
51	2	LTST-C170YKT	0805 LED; Yellow	SPEED, TOUCH	2062217	SML-LX0805YC-TR	0,180	5	160-1175-1-ND	0,229	10	859-LTST-C170YKT	0,153	10
52	1	PEC16-2215F-S0024	THT; encoder with switch	SW1	-					PEC16-2215F-S0024-ND	1,340	1	652-PEC16-2215FS0024	1,220	1
53	1	B3F-3152	Tactile switch, without cap	SW2	1608278	B3F-3152	0,350	1	SW410-ND	0,380	1	653-B3F-3152	0,383	1
54	1	LTST-C170GKT	0805 LED; Green	VBUS	2322081	150080VS75000	0,171	5	160-1179-1-ND	0,201	10	859-LTST-C170GKT	0,136	10
55	1	ZL263-40DG	THT; 40-pin socket; female; angled 90°	X1	1805895	SSW-120-02-T-D-RA	4,920	1	SAM11958-ND	3,060	1	200-SSW12002TDRA	3,050	1
56	1	ZL231-16KG	THT; 16-pin IDC socket; male; angled 90°	X2	1642024	61201621721	0,676	1	S9179-ND	0,620	1	710-61201621721	0,680	1
57	1	1844249	THT; Pluggable Terminal Blocks; 3.5mm; 5-pin	X3	2493680	CTB932HD/5	0,373	10	732-2772-ND	1,010	1	710-691322110005	1,000	1
58	1	ZL231-20KG	THT; 20-pin IDC socket; male; angled 90°	X4	2843546	MC-254-20-00-RA-DIP	0,396	1	ED10536-ND	0,530	1	710-61202021721	0,950	1
59	1	LMJTAB881243M-L	THT; RJ45 socket with magnetics and LEDs; shielded	X5	-					-			Non-Stocked, Call for Quote		
60	1	10MHz	SMD; HC-49/US; XTAL	Y1	2467715	ABLS-10.000MHZ-B4-T	0,349	1	535-10215-1-ND	0,310	1	815-ABLS-10.0M-T	0,272	1
61	2	SMAJ18A	DO-214AC	ZD1, ZD2	2677644	SMAJ18A	0,097	5	SMAJ18A-FDICT-ND	0,350	1	621-SMAJ18A-13-F	0,315	1

#	Qty	Part name	RS Components				TME			THT	SMD	Price calculation for 1 set			
			Code	Part Number	Unit price €	MOQ	Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
39	4	22R	223-0332	CRG0805F220R	0,024	50	SMD0805-220R-1%	0,022	100		4	Farnell	0,019 €	4	0,076
40	2	10R	740-9085	CR1206-FX-10R0ELF	0,036	50	CRCW120610R0FKTABC	0,031	100		2	TME	0,031 €	2	0,062
41	3	20K	679-1077	CRCW080520K0FKEA	0,430	50	SMD0805-20K-1%	0,022	100		3	Farnell	0,010 €	2	0,019
42	2	1K	223-0427	CRG0805F1K0	0,017	50	SMD0805-1K-1%	0,022	100		2	Mouser	0,015 €	2	0,030
43	1	1K5	223-0449	CRG0805F1K5	0,036	50	SMD0805-1K5-1%	0,022	100		1	Farnell	0,007 €	1	0,007
44	4	49R9	679-1462	CRCW080549R9FKEA	0,036	50	RC0805FR-0749R9	0,035	100		4	Farnell	0,009 €	2	0,019
45	9	2K2	679-1207	CRCW08052K20FKEA	0,039	50	SMD0805-2K2-1%	0,022	100		9	TME	0,022 €	2	0,045
46	11	10K	125-1189	CRG0805F10K	0,002	100	RC0805FR-0710K	0,022	100		11	RS	0,002 €	2	0,004
47	3	220R	223-0332	CRG0805F220R	0,018	50	SMD0805-220R-1%	0,022	100		3	RS	0,018 €	2	0,036
48	1	4K87	679-0481	CRCW06034K87FKEA	0,026	50	-				1	Mouser	0,005 €	1	0,005
49	4	DR1206-33R-4/8	522-5670	CAY16-330J4LF	0,004	50	DR1206-33R-4/8	0,009	100		4	RS	0,004 €	4	0,016
50	1	LD-BZEL-M1313	-				LD-BZEL-M131	1,580	1		1	TME	1,580 €	1	1,580
51	2	LTST-C170YKT	692-0925	LTST-C170YKT	0,206	50	LTST-C170YKT	0,055	10		2	TME	0,055 €	2	0,109
52	1	PEC16-2215F-S0024	-				-			1		Mouser	1,220 €	1	1,220
53	1	B3F-3152	686-6764	B3F-3152	0,860	5	B3F-3152	0,240	1	1		TME	0,240 €	1	0,240
54	1	LTST-C170GKT	692-0900	LTST-C170GKT	0,211	50	LTST-C170GKT	0,055	10		1	TME	0,055 €	1	0,055
55	1	ZL263-40DG	154-8342	SSW-120-02-F-D-RA	4,320	1	ZL263-40D	0,680	1	1		TME	0,680 €	1	0,680
56	1	ZL231-16KG	771-8367	61201621721	0,676	5	ZL231-16K	0,135	5	1		TME	0,135 €	1	0,135
57	1	1844249	824-6642	691322110005	0,960	1	-			1		Farnell	0,373 €	1	0,373
58	1	ZL231-20KG	771-8376	61202021721	0,946	5	ZL231-20K	0,285	2	1		TME	0,285 €	1	0,285
59	1	LMJTAB881243M-L	-				LMJTAB881243M-L	1,890	1	1		TME	1,890 €	1	1,890
60	1	10MHz	703-1795	ABLS-10.000MHz-B2	0,428	10	HC49USM-FF3F10.00	0,371	2		1	Mouser	0,272 €	1	0,272
61	2	SMAJ18A	710-3443	SMAJ18A-E3/61	0,246	25	SMAJ18A-E3/61	0,100	5		2	Farnell	0,097 €	2	0,193

#	Qty	Part name	Package	Reference designator	Farnell / Element14 Code	Farnell / Element14 Part Number	Unit price €	MOQ	Digi-Key Part Number	Unit price €	MOQ	Mouser Part Number	Unit price €	MOQ
62	1	BZX384-B30.115	SOD-323	ZD3	2575164	BZX384-B30	0,157	5	1727-3649-1-ND	0,223	10	771-BZX384-B30115	0,157	10

Not installed / optional

	Qty	Part name	Package	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
	1	N.C.	C-EUC0603	C22										
	1	470n	0805	C56	2896591	VJ0805Y474KXQTW1BC	0,094	5	1276-2966-1-ND	0,151	10	603-CC0805JK7R9BB474	0,049	10

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
	1	TACT-2BRRD	SW2 button		???				???			???		
	1	A3131068	SW1 knob without pointer; Ø31x16mm; grey		-				-			-		
	1	A3231007	SW1 knob cap; blue		-				-			-		
	1	RFE43BH-AIW-DNS	TFT LCD 4.3"; 480x272; resistive		-				-			-		
	1	15EDGKN-3.5-05P-14-1000AH	Pluggable terminal block; 3.5mm; push-in, 5-pin		???				???			???		
	1	CR2025	Battery; lithium; 3V; Ø20x2.5mm		1823475	CR 2025 MFR (1BL)	1,710	1	1908-1384-ND	0,230	1	-		

Custom made components

	Qty	Part name	Package	Reference designator
	1	PCB 4-layer 139 x 70 mm	ALLPCB.com (Qty of 5)	-

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 | RS Components | | | | | TME | | | THT | SMD | Price calculation for 1 set | | | |
			Code	Part Number	Unit price €	MOQ		Code / Part Number	Unit price €	MOQ			Best Supplier	Lowest unit price €	Order Qty	Line Cost €
62	1	BZX384-B30.115	751-3720	BZT52C30S-7-F	0,020	100		BZX384-B30.115	0,029	20		1	RS	0,020 €	1	0,020
											10	165				36,79 €

		Not installed / optional														
	1	N.C.										1	Farnell	0,000 €	1	0,000
	1	470n	174-4499	C0805X474K5R ECAUTO	0,091	100		CL21B474KBFNNNE	0,027	100		1	TME	0,027 €	1	0,027

		Related parts and acces														
	1	TACT-2BRRD	???					TACT-2BRRD	0,187	10			TME	0,187 €	1	0,187
	1	A3131068	-					A3131068	2,090	1			TME	2,090 €	1	2,090
	1	A3231007	-					A3231007	0,715	1			TME	0,715 €	1	0,715
	1	RFE43BH-AIW-DNS	-					RFE43BH-AIW-DNS	20,360	1			TME	20,360 €	1	20,360
	1	15EDGKN-3.5-05P-14-1000AH	???					15EDGKN-3.5-05P-14-1000AH	1,271	1			TME	1,271 €	1	1,271
	1	CR2025	457-4741	CR-2025/BN	1,740	1		BAT-CR2025/RE-B	0,580	1			Digikey	0,230 €	1	0,230
																24,85 €

		Custom made componer														
	1	PCB 4-layer 139 x 70 mm											ALLPCB	12,800 €	1	12,800
																12,80 €

															Total	**74,44 €**