

#	Farnell / Element14								Digi-Key			Mouser		
	Qty	Part name	Package / Note	Reference designator	Code	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
1	1	22-01-3037	3-pin 0.1" receptacle		1462838	22-01-3037	0.175	1	WM2001-ND	0.170	1	538-22-01-3037	0.166	1
2	1	39-01-2065	6-pin receptacle Mini-Fit Jr.		1697119	39-01-2065	0.515	1	WM23702-ND	0.530	1	538-39-01-2065	0.515	1
3	1	39-01-4030	3-pin receptacle Mini-Fit Jr.		9963480	39-01-4030	0.288	1	WM18434-ND	0.290	1	538-39-01-4030	0.288	1
4	3	39-01-3022	2-pin receptacle Mini-Fit Jr.		1704304	39-01-3022	0.288	1	WM1021-ND	0.280	1	538-39-01-3022	0.279	1
5	3	08-50-0114	0.1" pin for 22-01-3037		1462641	08-50-0114	0.084	100	WM1114-ND	0.106	25	538-08-50-0114	0.075	100
6	15	39-00-0078	Mini-Fit Jr. pin		2725176	39-00-0078	0.111	50	WM9154-ND	0.125	25	538-39-00-0078	0.090	100
7	6	60196-3	Female quick disconnect, 4.8mm; 0.8mm		-				A122464-ND	0.135	10	571-60196-3	0.135	10
8	15	9019040000	0.75 cm <sup>2</sup> Ferrule		-				281-5091-ND	0.070	500	845-FID1806GRM	0.029	25
9	0.6	LGY0.75/25-BR	0.75 cm <sup>2</sup> cable (Brown)		2290831	3055 BR005	0.540	31	A3055N-100-ND	1.669	31	602-3055-100-07	1.516	31
10	0.6	LGY0.75/25-BL	0.75 cm <sup>2</sup> cable (Blue)		2290833	3055 BL005	0.540	31	A30551B-100-ND	1.669	31	602-3055-100-06	1.586	31
11	0.69	LGY0.75/25-RD	0.75 cm <sup>2</sup> cable (Red)		2290829	3055 RD005	0.540	31	A2064R-100-ND	2.014	31	602-3055-100-03	1.586	31
12	0.69	LGY0.75/25-BK	0.75 cm <sup>2</sup> cable (Black)		2290834	3055 BK005	0.540	31	3055/1BK005-ND	1.669	31	602-3055-100-02	1.586	31
13	1.41	LGY0.75/25-YL/GR	0.75 cm <sup>2</sup> cable (Yellow-Green)		2290830	3055 GY005	0.498	31	A2064E-100-ND	2.014	31	602-3055-100-28	1.586	31
14	1	MF80251V3-1000U-G99	80x80x25mm, 12Vdc fan		-				259-2066-ND	16.140	1	-		
15	1	D89116-0131HK-3365/16-D-3	16-pin IDC cable 7.5 to 15cm		-				3M156034-MC16G-3M156034-3-ND	1.860	1	-		
16	4	FSP-2	Fastener for fans and protections											
17	1	FG-08	Finger guard; 80x80mm											
18	13	M3X4/D7985	Screw; M3x4; cheese head; Phillips	Module's studs mounting (bottom)										
19	30	M3X5/D965B	Screw; M3x5; countersunk; Phillips; black finish	Module's studs mounting (top), front and rear panel fixing, AC inlet fixing on the rear panel, modules mounting on the front panel										
20	13	TFF-M3X6/DR113	Screwed spacer sleeve; Int.thread: M3; 6mm; hexagonal	For mounting AUX-PS, MCU and BP3C to the bottom plate										
21	2	B3/BN117	Nut; hexagonal; M3; H: 2.4mm	AC inlet fixing on the rear panel										
22	4	B3/BN860	Nut with flange; hexagonal; M3	TFT display fixing on the front panel										

#### Custom made components

1	BB3-ENC-KIT	BB3 enclosure kit (top and bottom plate, front and rear panel, AC/DC module mounting frame, TFT mounting frame)	Varisom, Portugal
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Project source code at <https://github.com/eez-open/modular-psu>

**8.76 €**

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						Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ
1		BB3-CP-MFP	Empty module front cover plate	Varisom, Portugal										
1		BB3-DCP405-MFP	DCP405 front panel	Varisom, Portugal										
1		BB3-DCP405B-MFP	DCP405B front panel	Varisom, Portugal										
1		BB3-DCM220-MFP	DCM220 front panel	Varisom, Portugal										
2		A-951-A-0-G-0	Adjustable feet (pack of 2)	Altinkaya, Turkey										

*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.

#	QtyPart name		RS Components				TME				THTSMD		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	BB3-CP-MFP											1	0.000		
	1	BB3-DCP405-MFP											1	0.000		
	1	BB3-DCP405B-MFP											1	0.000		
	1	BB3-DCM220-MFP											1	0.000		
	2	A-951-A-0-G-0											2.000 €	2	4.000	
4.00 €																
													Total	12.76 €		