

#	Qty	Part name	Package / Note	Reference designator	Code	Farnell / Element14			Digi-Key			Mouser		
						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		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		-				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	30,5	A3055N-100-ND	1,669	30,5	602-3055-100-07	1,516	30,5
10	0,6	LGY0.75/25-BL	0.75 cm <sup>2</sup> cable (Blue)		2290833	3055 BL005	0,540	30,5	A30551B-100-ND	1,669	30,5	602-3055-100-06	1,586	30,5
11	0,69	LGY0.75/25-RD	0.75 cm <sup>2</sup> cable (Red)		2290829	3055 RD005	0,540	30,5	A2064R-100-ND	2,014	30,5	602-3055-100-03	1,586	30,5
12	0,69	LGY0.75/25-BK	0.75 cm <sup>2</sup> cable (Black)		2290834	3055 BK005	0,540	30,5	3055/1BK005-ND	1,669	30,5	602-3055-100-02	1,586	30,5
13	1,41	LGY0.75/25-YL/GR	0.75 cm <sup>2</sup> cable (Yellow-Green)		2290830	3055 GY005	0,498	30,5	A2064E-100-ND	2,014	30,5	602-3055-100-28	1,586	30,5
14	1	MF80251V3-1000U-G99	80x80x25mm, 12Vdc fan		-				259-2066-ND	16,140	1	-		
15	1	D89116-0101HK	16-pin IDC cable 7.5 to 15cm		-				3M15390-ND	0,910	1	517-D89116-0101HK	0,917	1
16	4	FSP-2	Fastener for fans and protections											
17	1	FG-08	Finger guard; 80x80mm											
18	1	22-01-3037	3-pin receptacle for X4		1462838	22-01-3037	0,093	100	WM2001-ND	0,170	1	538-22-01-3037	0,166	1
19	3	08-50-0114	Pins for X4		1462641	08-50-0114	0,073	100	WM1114-ND	0,141	10	538-08-50-0114	0,100	10
20	1	39-01-4030	Receptacle for X2		9963480	39-01-4030	0,204	10	WM18434-ND	0,260	1	538-39-01-4030	0,272	1
21	1	39-01-2060	Receptacle for X1		151868	39-01-2060	0,277	100	WM3702-ND	0,330	1	538-39-01-2060	0,340	1
22	9	39-00-0078	Pins for X1, X2		9732675	39-00-0078	0,094	100	WM9154-ND	0,137	10	538-39-00-0078	0,112	10

#### 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
1	BB3-CP-MFP	Empty module front cover plate	Varisom, Portugal
1	BB3-DCP405-MFP	DCP405 front panel	Varisom, Portugal
1	BB3-DCP405BMFP	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)

EEZ DIB BB3 wire harness and enclosure (r1B1, 2019-07-20)  
Project source code at <https://github.com/eez-open/modular-psu>

#	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	1	22-01-3037					MX-22-01-3037	0,080	10			TME	0,080 €	1	0,080
2	1	39-01-2065					MX-39-01-2065	0,130	10			TME	0,130 €	1	0,130
3	1	39-01-4030					MX-5557-03R2	0,169	5			TME	0,169 €	1	0,169
4	3	39-01-3022					MX-39-01-3022	0,143	10			TME	0,143 €	3	0,430
5	3	08-50-0114					MX-0850-0114	0,058	10			TME	0,058 €	3	0,173
6	15	39-00-0078					MX-5556-T3L	0,087	10			TME	0,087 €	15	1,298
7	6	60196-3					ST-003/2	0,030	20			TME	0,030 €	6	0,178
8	15	9019040000					H0.75/14D/GY	0,024	20			TME	0,024 €	15	0,357
9	0,6	LGY0.75/25-BR					LGY0.75/25-BR	0,330	25			TME	0,330 €	1	0,198
10	0,6	LGY0.75/25-BL					LGY0.75/25-BL	0,330	25			TME	0,330 €	1	0,198
11	0,69	LGY0.75/25-RD					LGY0.75/25-RD	0,330	25			TME	0,330 €	1	0,228
12	0,69	LGY0.75/25-BK					LGY0.75/25-BK	0,330	25			TME	0,330 €	1	0,228
13	1,41	LGY0.75/25-YL/GR					LGY0.75/25-YL/GR	0,330	25			TME	0,330 €	1	0,465
14	1	MF80251V3-1000U-G99 -					MF80251V3-1000U-G99	2,040	1			TME	2,040 €	1	2,040
15	1	D89116-0101HK					FC16150-S	1,310	1			Digikey	0,910 €	1	0,910
16	4	FSP-2					FSP-2	0,142	5			TME	0,142 €	4	0,566
17	1	FG-08					FG-08	0,524	1			TME	0,524 €	1	0,524
18	1	22-01-3037	679-5375	22-01-3037	0,086	10	MX-22-01-3037	0,080	10			TME	0,080 €	1	0,080
19	3	08-50-0114	172-9178	08-50-0114	0,075	100	MX-0850-0114	0,058	10			TME	0,058 €	3	0,173
20	1	39-01-4030	510-9685	39-01-4030		5	MX-5557-03R2	0,159	5			TME	0,159 €	1	0,159
21	1	39-01-2060	484-1760	39-01-2060	0,280	5	MX-5557-06R	0,104	5			TME	0,104 €	1	0,104
22	9	39-00-0078	215-5887	39-00-0078	0,154	100	MX-5556-T3L	0,082	10			TME	0,082 €	9	0,735
															9,42 €

Custom made componer																
1	BB3-ENC-KIT														1	0,000
1	BB3-CP-MFP														1	0,000
1	BB3-DCP405-MFP														1	0,000
1	BB3-DCP405BMFP														1	0,000
1	BB3-DCM220-MFP														1	0,000
2	A-951-A-0-G-0														2	0,000
																0,00 €

Total 9,42 €

#	Qty	Part name	Package / Note	Reference designator	Code	Farnell / Element14			Digi-Key			Mouser		
						Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ	Part Number	Unit price €	MOQ

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.

#	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 €	