

**BOM - Bill Of Materials - ESQU-ONE SE16**

<b>No.</b>	<b>Description</b>	<b>QTY</b>	<b>Location Use</b>	<b>Notes</b>
	<b>Capacitor</b>			
1	100nF Ceramic Capacitor	1	PCB Board	C2
2	1uF 35V Tantalum	1	PCB Board	C3
3	10uF 35V Electrolytic	1	PCB Board	C1
	<b>Diode</b>			
1	1N4004 200V 1A	1	PCB Board	D1
	<b>Inductor</b>			
1	Ferrite Bead 0.45uH 7A	1	PCB Board	L1
	<b>Linear</b>			
1	TS2940CZ 3V3 1A Voltage Regulator	1	PCB Board	U1
	<b>Connectors</b>			
1	IDC16 Boxed Header	1	PCB Board	J1 Unboxed Header Also OK To Use
2	USB Type B	1	PCB Board	J18
3	3.5MM Socket Pro Signal	16	PCB Board	J2 - J17
4	2-way 0.1inch Crimp Housing	1	PCB Board	J20
5	2-way 0.1inch Straight - Locking Head	1	Wire	J20
6	4-way 0.1inch Crimp Housing	1	PCB Board	J19
7	4-way 0.1inch Straight - Locking Head	1	Wire	J19
8	Crimp to suit 0.1inch Series MTA	6	Wire	
	<b>Wire</b>			
1	USB 2.0 Cable (length 130mm)	1	PCB to PCB	
	<b>Nuts Bolts Spacer Washer</b>			
1	M3 x 10mm Bolt (Phillips Head)	5	ESQ-1 to Panel	U1 Other Length From 8mm Or More OK
2	M3 Nut	5	ESQ-1 to Panel	U1
	<b>General Hardware</b>			
1	ESQU-ONE PCB	1	PCB	
2	ESQU-ONE Panel	1	Front Panel	
3	M3 x 10mm Bolt (Phillips Head)	4	Panel to Rack	
4	Ribbon Cable IDC 16-Pin to 16-Pin	1	PCB to Power	