

BOM - Bill Of Materials - Modatron Modulator SE18				
No.	Description	QTY	Location Use	Notes
	Capacitor			
1	10uF 35V Electrolytic	2	PCB Board	
2	100nF Ceramic Capacitor	1	PCB Board	
	Diode			
1	1N4148	1	PCB Board	
	Resistor			
1	100R 1% 0.5W Metal Film	1	PCB Board	
2	270R 1% 0.5W Metal Film	1	PCB Board	
3	390R 1% 0.5W Metal Film	1	PCB Board	
4	5K6 1% 0.5W Metal Film	1	PCB Board	
5	10K 1% 0.5W Metal Film	1	PCB Board	
6	33K 1% 0.5W Metal Film	1	PCB Board	
	Transistor			
1	PN2222A NPN Transistor	1	PCB Board	
	Opto Electric			
1	5mm Red LED	1	PCB Board	Other Colour Can Be Used
	Linear			
1	LM317LZ - Adjustable Positive Voltage	1	PCB Board	
	Potentiometer			
1	50K LIN [PTV09]	2	PCB Board	
	Connectors			
1	IDC10 Boxed Header	1	PCB Board	Unboxed Header Also OK To Use
2	1x6 Pin RA Header	1	PCB Board	
3	3.5MM Socket	6	PCB Board	Erthenvar Type Jack
4	3.5MM Socket	1	PCB Board	8044961 Cliff Type Jack
	Wire			
1	7/0.2 Wire (length 400mm)	1	PCB to PCB	
	Nuts Bolts Spacer Washer			
1	M2 x 20mm Bolt (Phillips Head)	2	PCB to Panel	Other Length From 16mm Or More OK
2	M2 Nut	2	PCB to Panel	
3	M3 x 10mm Spacer	2	PCB to Panel	
	General Hardware			
1	Modatron PCB	1	PCB	
2	Modatron Front Panel	1	Front Panel	
3	M3 x 10mm Bolt (Phillips Head)	4	Panel to Rack	
4	Ribbon Cable IDC 16-Pin to 10-Pin	1	PCB to Power	