

Panther Series  
CGS758 - Utility LFO

<b>CAPACITORS</b>	<b>SWAP</b>	<b>X</b>	<b>X</b>	<b>JOIN</b>	<b>X</b>	<b>X</b>	<b>DESIGNATORS</b>
47nF 50V Polyester	1			1			C101
100nF Decoupling Capacitor	4			4			C303, C304, C305, C306
10uF 25V Electrolytic	2			2			C301, C302

<b>RESISTORS</b>	<b>SWAP</b>	<b>X</b>	<b>X</b>	<b>JOIN</b>	<b>X</b>	<b>X</b>	<b>DESIGNATORS</b>
1K 0.5W 1% Metal Film	7			7			R103, R107, R108, R112, R113, R114, R115
2K2 0.5W 1% Metal Film	1			1			R102
4K7 0.5W 1% Metal Film	1			1			R104
10K 0.5W 1% Metal Film	1			1			R106
47K 0.5W 1% Metal Film	1			1			R110
100K 0.5W 1% Metal Film	3			3			R105, R109, R111
150K 0.5W 1% Metal Film	1			1			R101
100K LIN(B) (16mm Alpha, 18T Spline)	1			1			P3
500K LIN(B) (16mm Alpha, 18T Spline)	2			2			P1, P2

<b>SEMICONDUCTORS</b>	<b>SWAP</b>	<b>X</b>	<b>X</b>	<b>JOIN</b>	<b>X</b>	<b>X</b>	<b>DESIGNATORS</b>
1N4148 Signal Diode	2			2			D101, D102
3mm Red Flat-top LED	1			1			D103
TL071 JFET Opamp	1			1			U102
TL074 Quad JFET Opamp	1			1			U101
BC547 NPN Transistor	1			1			Q101
Single bead inductor	2			2			L301, L302

<b>HARDWARE</b>	<b>SWAP</b>	<b>X</b>	<b>X</b>	<b>JOIN</b>	<b>X</b>	<b>X</b>	<b>DESIGNATORS</b>
16-way IDC Socket Housing	2			0			J10
16-way IDC Box Header	1			1			J301
16-way IDC RA Box Header	2			2			J9, J10
16-WAY IDC Ribbon Cable (per cm)	8			0			J10
14-pin IC Socket 0.3"	1			1			U101
8-pin IC Socket 0.3"	1			1			U102
14mm Black PVC Knob	3			3			P1, P2, P3
DPDT RA PCB Switch	1			1			S101
CGS738 - Utility LFO PCB	1			1			
CGS758 - Utility LFO Front Panel	1			0	-	-	

<b>COLUMN1 &amp; COLUMN3</b>	<b>SWAP</b>	<b>X</b>	<b>X</b>	<b>JOIN</b>	<b>X</b>	<b>X</b>	<b>DESIGNATORS</b>
3.5mm Mono PCB Jack Socket	4			4			J101, J102, J103, J104
16-way IDC RA Box Header	1			1			J9
16-way IDC Socket Housing	2			2			J9
16-WAY IDC Ribbon Cable (per cm)	6			6			J9
Panther Jack/Switch PCB	1			1			