

The Panther Series  
CGS721 - Super Psycho LFO

CAPACITORS	QTY	X	X	DESIGNATORS
33pF 5% Ceramic, Low K, NPO	1			C102
22nF 50V Polyester	6			C202, C302, C402, C502, C602, C702
100nF Decoupling Capacitor	11			C801, C802, C803, C804, C805, C806, C901, C902, C903, C904, C905
220nF 50V Polyester	1			C101
2u2 25V Electrolytic	6			C201, C301, C401, C501, C601, C701
10uF 25V Electrolytic	2			C908, C909
100uF 25V Electrolytic	2			C906, C907

RESISTORS	QTY	X	X	
10R 0.5W 1% Metal Film	2			R901, R902
100R 0.5W 1% Metal Film	1			R101
820R 0.5W 1% Metal Film	12			R201, R301, R401, R501, R601, R701, R803, R806, R809, R812, R815, R818
1K 0.5W 1% Metal Film	1			R102
4K7 0.5W 1% Metal Film	6			R202, R302, R402, R502, R602, R702
10K 0.5W 1% Metal Film	6			R801, R804, R807, R810, R813, R816
22K 0.5W 1% Metal Film	6			R802, R805, R808, R811, R814, R817
100K 0.5W 1% Metal Film	2			R603, R703
360K 0.5W 1% Metal Film	2			R604, R704
470K 0.5W 1% Metal Film	6			R203, R303, R403, R503, R605, R705

SEMICONDUCTORS	QTY	X	X	
3mm Red Flat-top LED	6			D801, D802, D803, D804, D805, D806
CD40106 - Hex Schmitt Trigger	1			U201
TL072 Dual JFET Opamp	2			U101, U202
BC557 PNP Transistor	6			Q801, Q802, Q803, Q804, Q805, Q806
Single bead inductor	2			L901, L902

HARDWARE	QTY	X	X	
16-way IDC Box Header	3			J2, J4, J901
16-way IDC RA Box Header	6			J1, J3, COLUMN1, COLUMN2, COLUMN3, COLUMN4
1x4 Pin Extended Header	2			GLIDE, OUT
3.5mm Mono PCB Jack Socket	1			OUT
Earth Tag	1			Fit over RANGE pot. Wire to PNL_GND
SPDT Toggle Switch (ON-OFF-ON)	6			
SPDT Toggle Switch (ON-ON)	3			
14mm Black PVC Knob	8			
100K LIN(B) (16mm Alpha, 18T Spline)	1			RANGE
1M LIN(B) (16mm Alpha, 18T Spline)	6			RATEx
1M LOG(A) (16mm Alpha, 18T Spline)	1			GLIDE
CGS721 - Super Psycho LFO Front Panel	1			
14-pin IC Socket 0.3"	1			U201
8-pin IC Socket 0.3"	2			U101, U102
Wire Link	1			LK1

SUPPORT CABLES	QTY	X	X	DESIGNATORS
16-WAY IDC Ribbon Cable (per cm)	70			8cm (Column 3) + 10cm (Column 4) +15 cm (Column 1) + 17cm (Column 2) + 20cm )Power
16-way IDC Socket Housing	10			Column 1, Column 2, Column 3, Column 4, Power

PCB SET	QTY	X	X	
Panther Carrier PCB Rev 1.1	1			OUT Jack - Column 5
Panther Carrier PCB CGS721	1			GLIDE Switch - Column 4
Panther Jack/Switch PCB	2			Rev 2 - Column 1, Column 3
Panther Pot PCB Rev 1.1	2			Column 2, Column 4
CGS721 - Super Psycho LFO PCB	1			Column 5