

Bill of Materials for ED109 - TGTSH Component Kit Revision 1.0

Item	Description	Qty	Designator	Package
CAPACITOR				
1	47pF 5% Ceramic, Low K,	1	2C202	RAD-0.2N
2	330pF 5% Ceramic, Low K	1	2C101	RAD-0.2N
3	4700pF 1% EXFS Polystyrene	1	2C201	EXFS
4	100nF Decoupling Capacitor	8	2C303, 2C304, 2C305., 2C306, 2C307, 2C308, 2C309, 2C310	RAD-0.2N
5	10uF 50V Electrolytic	2	2C301, 2C302	RB-D5.0-P2.0
CONNECTOR				
6	IDC - 2x8 Box Header	1	2J301	2.54mm
7	IDC - 2x8 RA Box Header	2	1J109, 2J101	2.54mm
8	3.5mm Mono PCB Socket - Cliff	6	1J101, 1J102, 1J103, 1J104, 2J201, 2J202	-
9	HDR - 1x4 Pin 16mm Extended	1	2J202	2.54mm
10	DIP - 8-pin IC Socket 0.3inch	3	2U101, 2U102, 2U201	DIP-8
11	DIP - 16-pin IC Socket 0.3inch	1	2U103	DIP-16
DIODE				
12	ZENER - 5.1V 5% 500mW	1	2D103	DIODE-0.3
13	SIGNAL - 1N4148	3	2D101, 2D102, 2D104	DIODE-0.3
HARDWARE				
14	KNOB - Panther - Yellow	3	2P101, 2P102, 2P201	-

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Item	Description	Qty	Designator	Package
	HARDWARE - continued			
15	FIXING - 9mm Earth Tag	1	PANEL_GND	-
	LINEAR			
16	TL072 Dual JFET Opamp	2	2U101, 2U102	DIP-8
17	CA3140 Opamp	1	2U201	DIP-8
18	LM13700 Dual OTA	1	2U103	DIP-16
	INDUCTOR			
19	Single bead inductor	2	2L301, 2L302	AXIAL-0.4
	POTENTIOMETER			
20	100KB LIN - 18T Spline	3	2P101, 2P102, 2P201	ALPHA 16MM
	RESISTOR			
21	470R 1% 0.5W Metal Film	1	2R112	AXIAL-0.4
22	1K0 1% 0.5W Metal Film	2	2R113, 2R208	AXIAL-0.4
23	2K2 1% 0.5W Metal Film	5	2R106, 2R107, 2R111, 2R203, 2R204	AXIAL-0.4
24	4K7 1% 0.5W Metal Film	1	2R115	AXIAL-0.4
25	10K 1% 0.5W Metal Film	2	2R104, 2R207	AXIAL-0.4
26	18K 1% 0.5W Metal Film	1	2R116	AXIAL-0.4

Bill of Materials for Panther IDC16 Cable - 08cm Revision 1.0

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC - 2x8 IDC Socket	2	-	2.54mm
	HARDWARE			
2	WIRE - 16-way IDC Ribbon Cable (Unit=cm)	8	-	-
	End of document			

Bill of Materials for Panther IDC16 Cable - 24cm Revision 1.0

Item	Description	Qty	Designator	Package
	CONNECTOR			
1	IDC - 2x8 IDC Socket	2	-	2.54mm
	HARDWARE			
2	WIRE - 16-way IDC Ribbon Cable (Unit=cm)	24	-	-
	End of document			