

PARTS LIST HEDGHOG_L_PCB_V02

HEDGHOG L V02 03/2023		
Qty	Ref Name	Description
11	C1-5, C7, C34, C40-41, C74, C83	10nF
33	C11-12, C15-16, C23, C28, C35-36, C38-39, C44-45, C47-48, C51-52, C57, C59, C66-68, C71, C75, C87-96	10 uF
2	C17, C26	1 pF
1	C19	220 nF
1	C20	470 pF C0G
3	C24, C33, C82	22 nF C0G
3	C29-31	1 uF
2	C37, C46	180 pF C0G
2	C42, C79	1 nF C0G
2	C43, C86	47 nF C0G
31	C6, C10, C18, C21-22, C25, C27, C32, C49-50, C53-56, C58, C60-65, C69-70, C72-73, C76-78, C80-81, C84	100 nF
4	C8-9, C13-14	20 pF C0G
1	C85	47 uF
1	D1	1N4007
1	D2	DIODE, SCHOTTKY, 1A, SOD-323, SD0805S020S1R0
1	IC1	MIC5504-1.8YM5-TR, 1.8V 300mA SOT-23-5
1	IC10	N25Q032A13ESC40F, FLASH - NOR Memory
1	IC11	MCP1825S-3302E/DB, 0.5A, 3.3 V
1	IC12	LM7805 ect.
2	IC15-16	MC44BS373CA
1	IC2	TVP5150AM1PBS,
1	IC3	PIC16F18856-I SS
1	IC4	LD1117S12TR, 1.2 V
1	IC5	MCP40D18T-503E/LT, Digital Potentiometer
2	IC6, IC9	TS5A3159DCKR, Analog Switch
1	IC7	ICE40HX1K-TQ144, FPGA
1	IC8	THS7314D, Video Amp
6	L1-2, L4-7	1uH 140mOhms +/-20% 1000mA
1	L3	2.2 uH
1	PL11	F SOCKET
4	PL2, PL7-9	RCA SOCKET
1	PL4	HIROSE FH12-16S-1SH
1	PL5	2 X 3 DIL
1	PL6	POWER SOCKET 2.1 mm
28	R1-4, R8-15, R17-19, R21-24, R29, R41, R59, R66, R69, R72, R74, R77-78	10K
2	R16, R26, R76	100R
13	R5-7, R20, R25, R28, R57, R62-63, R68, R70, R75, R79	2K2
1	R27	15K
2	R30, R39	37.4R
10	R31-38, R40, R49	5K6 0.1%
9	R42-46, R50-51, R53-54	2K8 0.1%
6	R47-48, R55-56, R58, R64	75R
1	R52	150R
3	R60-61, R71	24.9R
1	R65	47K
1	R67	100K
1	R73	4K7
2	S1-2	EC11B15242AE
1	TR1	BC856A
1	TR3	BC846A
1	VR1	10K 300mW Bourns 3306P Series
1	VR2	5K Bourns 3306P Series
1	X1	14.318180MHz Crystal
1	X2	4MHz Crystal
1	LCD	NHD-02161Z-FSY-YBW-C