

HEDGHOG_III_V01 PARTS LIST

28/12/23

Qty	Ref Name	Description
11	C1-5, C7, C34, C40-41, C74, C83	10nF
28	C11-12, C16, C23, C28, C35-36, C38-39, C44-45, C47-48, C51, C57, C59, C66, C75, C87-96	10uF
2	C17, C26	1pF
1	C19	220nF
1	C20	470PF
1	C24	22nF C0G
3	C29-31	1uF
2	C33, C82	22nF
2	C37, C46	180pF C0G
2	C42, C79	1nF C0G
3	C43, C52, C86	47nF C0G
29	C6, C18, C21, C25, C27, C32, C49-50, C53-56, C58, C60-65, C67-73, C76-77, C84	100nF
4	C8-9, C13-14	20PF C0G
1	C85	47uF
1	D1	IN4007
1	IC1	MIC5504-1.8YM5-TR
1	IC11	MCP1825S-3302E/DB
1	IC12	LM7805CT/NOPB
1	IC13	IS25LP016D-JNLE-TR
2	IC15-16	MC44BS373CA
1	IC2	TVP5150AM1PBS
1	IC3	PIC16F18856-I/SS
1	IC4	LD1117S12TR
1	IC5	MCP40D18T-503E/LT
2	IC6, IC9	TS5A3159DCKR
1	IC7	EP2C5T144C8N
1	IC8	THS7314D
6	L1-2, L4-7	1uH, 1000mA
1	L3	2.2uH
1	PL11	F SOCKET
4	PL2, PL7-9	RCA SOCKET
1	PL4	FH12-16S-1SH(55)
1	PL5	2 X 3 DIL
1	PL6	power socket 2.1
25	R1-4, R8-15, R19, R21-24, R29, R59, R69, R74, R77-78, R80-81	10K
3	R16-18	1k
2	R20, R25	2K2
1	R26	3K3
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
5	R5-7, R28, R79	2.2k
1	R52	150R
6	R57, R62-63, R68, R70, R75	2.2k
3	R60-61, R71	24.9
1	R65	47K
1	R67	100k
1	R72	56K
1	R73	4.7k
1	R76	100R
4	R82-85	0R
2	R86-87	10K
2	S1-2	EC11B15242AE
1	TR1	BC856A
1	TR3	BC846A
1	U1	JTAG
1	VR1	10K Bourns 3306P
1	VR2	5k Bourns 3306P
1	X1	14.318180MHz
1	X2	4MHz