

USB Morse Keyboard (Morse HID) Interface Parts List

QTY	Designator	Description	MPN	MFR
1	C1	CAP, ELYTIC, 1000uF, 16V	108RSS016M	CDE
1	C11	MLCC, 10uF, 25V, 1206	TMJ316BB7106MLHT	Taiyo Yuden
2	C12, C13	MLCC, 0.01uF, 25V, 0603	CC0603KRX7R8BB103	Yageo
1	C14	MLCC, 0.02uF, 25V, 0805	885012207068	Würth
9	C2, C3, C4, C5, C15, C16, C17, C18, C21	MLCC, 0.1uF, 25V, 0603	CGA3E2X7R1E104K080AA	TDK
2	C19, C20	CAP, ELYTIC, 100uF, 6.3V	107RSS6R3M	CDE
5	C6, C7, C8, C9, C10	MLCC, 1000pF, 25V, 0603	CC0603KRX7R8BB102	Yageo
3	D1, D2, D3	LED, SMD, 0805, GRN	LTST-C171GKT	Lite-On
1	D4	DIO, TVS, DUAL, CC, SOT-23	ESD3V3AP	MCC
2	J1, J3	CON, SMD, STEREO, 1/8"	SJ1-3513C-SMT-TR	CUI
4	J2, JR11, JR12, JR13	CON, MOLEX, 3PIN	22-23-2031	Molex
4	P2, PR11, PR12, PR13	HSG, MOLEX, 3PIN	22-01-3037	Molex
12	P2, PR11, PR12, PR13 (x3 ea)	CNTCT, MOLEX, CRIMP	08-50-0114	Molex
1	M1	EVb, TIVA, TM4C123GH6PM	EK-TM4C123GXL	TI
2	M1A, M1B	HDR, 0.1", 2-ROW, 20POS	67997-410HLF	Ampenol/FCI
1	P1	CON, IDC-DIP, 16 POS	D2516-6002-AR	3M
3	Q1, Q2, Q3	TR, FET, NCH, SOT-23	NDS355AN	ON Semi
ALT	Q1, Q2, Q3	TR, FET, NCH, SOT-23	BSH103,215	Nexperia
1	R1	RES, SMD, 0603, 1%, 10	RC0603FR-0710RL	Yageo
3	R11, R12, R13	RES, VAR, 10K	3310R-001-103L	Bourns
ALT	R11, R12, R13	RES, VAR, 5K	3310R-001-502L	Bourns
2	R14, R15	RES, SMD, 0603, 1%, 49.9	RC0603FR-0749R9L	Yageo
2	R16, R17	RES, SMD, 0603, 1%, 6.8K	RC0603FR-076K8L	Yageo
1	R18	RES, SMD, 0603, 1%, 1.30K	RC0603FR-071K3L	Yageo
4	R19, R20, R21, R22	RES, SMD, 0603, 1%, 3.90K	RC0603FR-073K9L	Yageo
5	R2, R3, R4, R5, R6	RES, SMD, 0603, 1%, 49.9K	RC0603FR-0749K9L	Yageo
8	R23, R24, R25, R26, R27, R28, R29, R30	RES, SMD, 0603, 1%, 390	RC0603FR-07390RL	Yageo
2	R31, R32	RES, SMD, 1206, 1%, 33	RC1206FR-0733RL	Yageo
1	R33	RES, SMD, 0603, 1%, 0	RC0603FR-070RL	Yageo
4	R34, R35, R36, R37	RES, SMD, 0603, 1%, 33	RC0603FR-0733RL	Yageo
4	R7, R8, R9, R10	RES, SMD, 0603, 1%, 10K	RC0603FR-0710KL	Yageo
1	U1	IC, OP-AMP, DUAL, SO8	TL062IDR	TI
1	U2	IC, FILT, SWCAP, 4th ORDER, SO8	TLC14ID	TI
1	U3	IC, AMP, DUAL, 105mW, SO8	LM4808MX/NOPB	TI