

#	Qty	Reference	Description	Value	DNP	JLPCB #	LCSC Part #	LCSC Part #2	Mfr	Mfr PN	Mfr1	Mfr1 PN	Footprint
1	14	C1,C2,C3,C4,C7,C9,C10,C12,C14,C16,C18,C19,C20,C24	Cap Cer, 1uF, +-10%, X5R, 25V, 0402	1uF		C52923	C52923		generic	na	generic	na	Capacitor_SMD:C_0402_1005Metric
2	2	C5,C17	CAP CER 10UF 25V X5R 0603	10u		C96446	C96446		Samsung	CL31B106KBHNNNE			Capacitor_SMD:C_0603_1608Metric
3	2	C6,C11	Cap Cer, 27pF, +-5%, NP0, 0402	27p		C1557	C1557		generic	na	generic	na	Capacitor_SMD:C_0402_1005Metric
4	5	C8,C13,C21,C22,C23	CAP CER 2.2UF 16V X5R 0402	2.2u		C326556	C326556		generic	na	generic	na	Capacitor_SMD:C_0402_1005Metric
5	3	D1,D2,D3	LED GREEN CLEAR 0603 SMD	Green		C434420	C434420		WAixrth	150060GS75000	Yongyu Photoelectric	SZY0603G	LED_SMD:LED_0603_1608Metric
6	1	FB1	IND FERRITE 600R 0.5A 0603	600R/0.5A		C710380	C710380		Murata	BLM18AG601SN1D			Inductor_SMD:L_0603_1608Metric
7	1	J1	CONN HEADER R/A 4POS 1MM SMD	QWIIIC		C160404	C160404		JST	SH_SM04B-SRSS-TB	JST	SM04B-SRSS-TB(LF)(SN)	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal
8	1	J2	Bus_M_2_Socket_AE										NGFF:NGFF_A+E
9	1	J3	CONN MICRO SD CARD PUSH-PULL R/A	Micro_SD_Card_Det2		C585350	C585350						Connector_Card:microSD_HC_Molex_104031-0811
10	1	Q1	MOSFET N-CH 30V 300MA SC70-3	RUJ003N03		C5336707	C5336707		Rohm	RUJ003N03FRAT106			Package_TO_SOT_SMD:SOT-323_SC-70
11	1	R11	Res, 1MEG, 1%, 0.625W, 0402	1 MEG		C25741	C25741		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
12	1	R20	Res, 10R, 1%, 0.625W, 0402	10R	DNP	C25077	C25077		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
13	5	R1,R2,R5,R6,R8	Res, 47K0, 1%, 0.625W, 0402	47K0		C25900	C25900		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
14	17	R10,R17,R18,R19,R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33	Res, 47K0, 1%, 0.625W, 0402	47K0	DNP	C25900	C25900		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
15	3	R14,R15,R16	Res, 10R, 1%, 0.625W, 0402	10R		C25077	C25077		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
16	3	R3,R4,R7	Res, 10K0, 1%, 0.625W, 0402	10K0		C25744	C25744		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
17	3	R9,R12,R13	Res, 1K0, 1%, 0.625W, 0402	1K0		C11702	C11702		generic	na	generic	na	Resistor_SMD:R_0402_1005Metric
18	1	SW1	Switch Tact, SPST-NO, PTS810 Series, SMD	RESET		C19724063	C19724063	C470427	C&K	PTS810 SJS 250 SMTR LFS	ALPSALPINE	SKRPAME010	Button_Switch_SMD:SW_SPST_PTS810
19	1	SW2	Switch Tact, SPST-NO, PTS810 Series, SMD	BOOTSEL		C19724063	C19724063	C470427	C&K	PTS810 SJS 250 SMTR LFS	ALPSALPINE	SKRPAME010	Button_Switch_SMD:SW_SPST_PTS810
26	1	U1	IC, Flash, SPI, 16 MBit, USON-8	W25Q16		C2843335	C2843335		Winbond	W25Q16JVUXIQ	Winbond	W25Q16JLUXIG diff pad	Package_SON:SON-8-1EP_3x2mm_P0.5mm_EP1.4x1.6mm
27	1	U2	IC MCU 32BIT EXT MEMQFN-60	RP2350IO_60QFN		C42411118	C42411118						RP2350_60QFN:RP2350-QFN-60-1EP_7x7_P0.4mm_EP3.4x3.4mm_ThermalVias
28	1	U3	IC REG LINEAR 1.1V 300MA SOT23-5	LDO-1.1		C2865431	C2865431	C485147	Texas Instruments	TLV73311PDBVR	Texas Instruments	TLV74311PDBVR	Package_TO_SOT_SMD:SOT-23-5
29	1	U4	IC REG LINEAR 1.8V 300MA SC70-5	AP2125KS-1.8		C7214645	C7214645	C53149	Diodes Inc.	AP2125KS-1.8TRG1	TI	TLV70018DCKT	Package_TO_SOT_SMD:SOT-353_SC-70-5
30	2	U5,U6	IC TRANSLTR BIDIRECTIONAL 8SON	TXS0102DQE		C2652935	C2652935		TI	TXS0102DQER			Package_SON:X2SON-8_1.4x1mm_P0.35mm
31	1	Y1	CRYSTAL 12.0MHZ 18PF 20PPM SMD-4	12 MHz		C9002	C9002		Raltron	RH100-12.000-18-2020-EXT-TR			Crystal:Crystal_SMD_3225-4Pin_3.2x2.5mm