

Designator	Component	Pins	Pkg	Mfr. Part No	Digi-Key Part No	Generic OK?	Units per Assy
C1,C2	Ceramic Capacitor, 1uF, 10V or higher, 20% or lower, X7R		2 0603	1276-1945-1-ND	CL10B105KP8NFNC	yes	2
D1	LED, green		2 0603	LTST-C190KGKTI	160-1435-1-ND	yes	1
J1,J2,J3	Poke-in connector		4 SMT	1042380210	WM11924CT-ND	no	3
R1,R2	Resistor, 15k ohm, 1% or lower, 1/16w or higher		2 0603	RMCF0603FT15K0	RMCF0603FT15K0CT-ND	yes	2
R3	Resistor, 1500 ohm, 1% or lower, 1/16w or higher		2 0603	RMCF0603FT1K50	RMCF0603FT1K50CT-ND	yes	1
R4	Resistor, 47k ohm, 5% or lower, 1/16w or higher		2 0603	RMCF0603FT47K0	RMCF0603FT47K0CT-ND	yes	1
S1,S2	Tactile Push Button		2 TH	Wenzhou Khan TSA12100	Alibaba Link	no	2
Cap for S1, S2	Push Button cap			Wenzhou Khan SC203	Alibaba Link	no	
U1,U2	2-channel LED driver		6 SOT-23-6	FAN5622SX	FAN5622SXCT-ND	no	2
U2	3.3v voltage regulator		5 SOT-25	AP7370-33W5-7	AP7370-33W5-7DICT-ND	no	1
U4	32-bit ARM processor		20 20-TSSOP	STM32G030F6P6	497-STM32G030F6P6-ND	no	1
X1,X2	2-position JST XH		2 TH	S2B-XH-A(LF)(SN)	455-2257-ND	yes	2
X2	3-position JST XH		3 TH	S3B-XH-A(LF)(SN)	455-2250-ND	yes	1