

QTY	Part Refdes	Part Number	MFGR	Distributor Part #	Description	Footprint	DNI?	Info: 14 total reels, 23 total placements (per board)
1	U1	ATMEGA16U4-MU	Atmel	ATMEGA16U4-MURCT-ND	IC MCU 8BIT 16KB FLASH 44QFN	44 QFN-EP		
1	F1	0ZCC0150BF2C	Bel Fuse	507-1505-1-ND	PTC RESTTBLE 1.50A 24V CHIP 1812	1812		
1	J2	10118192-0001LF	FCI	609-4613-1-ND	CONN USB MICRO B RECPT SMT R/A	uUSB SMT		
1	J1		TC		Tagconnect Prog Header	MCP-TC6NL	DNI	
3	Q1, Q2, Q3	IRLML0040TRPBF	IR	IRLML0040TRPBFCT-ND	MOSFET N-CH 40V 3.6A SOT-23-3	SOT-23-3		
1	X1	PBRC16.00MR50X000	AVX	478-5419-1-ND	16mhz ceramic osc	3-SMD		
1	R6	ERJ-P08J180V	Panasonic	P18ALCT-ND	18 Ohm resistor 2/3w	1206		
1	R5	RC1206JR-0715RL	Yageo	311-15ERCT-ND	15 Ohm resistor 1/4w	1206		
1	R7	RC1206JR-0730RL	Yageo	311-30ERDKR-ND	30 Ohm resistor 1/4w	1206		
1	R2	RC0603FR-071ML	Yageo	311-1.00MHRDKR-ND	RES 1M OHM 1/10W 1%	"0603"		
3	C2, C3, C4	GRM188R61A105KA61D	Murata	490-1543-6-ND	CAP CER 1UF 10V 10% X5R 0603	"0603"		
2	C1, C5	GRM188R71E104KA01D	Murata	490-1524-1-ND	CAP CER 0.1UF 25V 10% X7R 0603	"0603"		
4	R1, R8, R9, R1	RC0603JR-0710KL	Yageo	311-10KGRCT-ND	RES 10K OHM 1/10W 5% 0603 SMD	"0603"		
1	U2	XZCB25MO24DG25X111S	SUNLED	1497-1088-6-ND	High Power LEDs - Multi-Color RGB	6-SMD		
2	R3, R4	MCT06030C2209FP500	Vishay	MCT0603-22.0-CFDKR-ND	RES 22.0 OHM 1/8W 1% SMD 0603	"0603"		
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