



Comment	Description	Designator	Footprint	LibRef	Quantity
Ceramic capacitor, 18pF, X7R, ±10%, 16V, 0402, -55...+125°C		C1	CAP: 1206	Capacitor_ceramic	1
Ceramic capacitor, 1µF, X7R, ±10%, 6.3V, 0402, -55...+125°C		C2, C4	CAP: 0402	Capacitor_ceramic	2
Ceramic capacitor, 1µF, X7R, ±10%, 6.3V, 0402, -55...+125°C		C3	CAP: 0805	Capacitor_ceramic	1
Attiny13		D1	10-DFN	ATtiny13	1
Linear voltage regulator, max input 18V, 0.6V, output 3.3V, 300mA, - 40...+125°C, SOT-89	Linear voltage regulator	D2	SOT89	L78L33ACUTR	1
IC op amplifier, Rail- to-Rail, 20 MHz, 2.7...5.5V, - 40...+125°C, SOT23-5	OP amplifier	DA1	SOT23-5	TL331IDBVR	1
KP-3216F3C		HL1	LED: 1206W	Led	1
BP104		HL2	BP104	Photodiode	1
		HL3	LED: 0402G	Led	1
1.2k		R1, R2, R3, R6, R8, R10, R11	RES: 0402	Resistor	7
		R4	RES: 1206	Resistor	1
		R5, R9	RES: 0402	Resistor	2
100		R7	RES: 0402	Resistor	1
, 3*4*2mm	SMT 3*4*2 2PIN	SW1, SW2	BUT: 3x4x2 SMT	Button_3x4x2_SMT	2
NPN transistor, 45V, 100mA, 100MHz, 300mW, 0.6V, 420, SOT-23, -55...+125°C		VT1, VT2	SC-70	Bipolar_NPN	2
Connector, 3pin, 2.54mm, 500VAC, 3A		X1	CON: PLS-3	PLS-3	1