

Resistance	0 OHM 5% 0603	location: R14,
Resistance	68 OHM 5% 0603	location: R3,
Resistance	100K 1% 0603	location: R6,
Capacitance	SMT 1.5P 0603 NPO 50V ±0.25P	location: C14
Capacitance	2P 50V 0603 NPO ±0.25P	location: C15
Capacitance	15P 0603 NPO	location: C16
Capacitance	0.1U 25V 0603	location: C1,C2,C5,C6,C7,C8,C9,C10,C11,C12,C20,C26,C27,C30,C31,C32
inductance	1.8NH 5% 0603 R50	location: L1
inductance	22NH 5% 0603 R50	location: L2
Diode	1N5817 1A 20V SMD TO-123	location: D6
IC	Cypress 60323 SMT 28PIN 2.4V-3.6V	location: U1
IC	Cypress 6936 SMD 40PIN 1.8V-3.6V	location: U3
IC	XC6385A301PR SOT-89 (TOREX)	location: U4
Crystal oscillation	12MHz 49US DIP 20PPM 10PF R50	location: Y1
inductance	150uH ±10% 1/2	location: L3
ENCODER	Kaihua 3P L:9mm T=25gfR50	location: S1
IC	Avago Sensor 5030 DIP-8 500/1000DPI R50	location: U2
Capacitance	E/C 4.7U 50V 4*7mm	location:C21
Capacitance	E/C 6.3V 100UF 5*7 ±20%	location: C25,C23
Capacitance	SMT 1.5P 0603 NPO 50V ±0.25P	location: C4
Capacitance	2P 50V 0603 NPO ±0.25P	location: C3
Capacitance	SMT C/C 15P 0603 NPO	location: C1
Capacitance	C/C 0.1U 25V 0603 Y5V -20%+80%	location: C5,C6,C7,C8,C9,C10,C11,C13,C14

Resistance	0 OHM 1% 0603	location: R1
Resistance	560 OHM 0603	location: R2
LED	TSUY-2S 2P SMT 160±30gF	location: D1
Crystal oscillation	12MHz 49SS SMT 20PPM 10PF H=2.5mm R50	location: X1
IC	Cypress 63803 SMD 16PIN	location: U2'
IC	Cypress 6936 SMD 40PIN 1.8V-3.6V	location: U1'