

Comment	Description	Designator	Footprint	LibRef	Quantity
0603	Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, Ceramic Capacitor, resistor, resistor, resistor, resistor, resistor, resistor, resistor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, R1, R2, R3, R4, R5, R6, R7, R8	0603_HandSoldering	capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, capacitor_ceramic, resistor, resistor, resistor, resistor, resistor, resistor, resistor	27
MICROMATCH 6 SMD	AMP - TE CONNECTIVITY - 188275-6 - CONNECTOR, RCPT, 6POS, 2ROW, 1.27MM	CON1	MICROMATCH2 X3	188275-6	1
LED	LED diode	D1	0603_LED	LED	1
Tag Connect	TC2030-CTX-NL	P2	Tag Connect	Tag Connect	1
JST Motor Connector	JST unipolar motor connector	P3, P4	JST S6B-XH-SM4-TB	motor_connector_2	2
SW-PB	Limit Switch	S1, S2	KSS241G_switch	SW-PB	2
TLV493D-A1B6	3D Magnetic Sensor	U1, U2	TLV493D_TSOP6	TLV493D-A1B6	2
LM3480-3.3	LM3480-3.3 3.3V LDO regulator	U3	LM3480_SOT23-3	LM3480	1
atmega328	32 TOFP atmega328	U4	ATMEGA328_TQFP32	atmega328	1
ULN2803A	Darlington array, 8 channels	U5	ULN2803A_SOIC18	ULN2803A	1
XTAL	Crystal Oscillator	Y1	XTAL_small	XTAL	1