

Table 1

Qty	Value	Package	Parts	Description
1	MAX662CPA	DIL08	IC3	SUPPLY CHARGE PUMP
1	741G125	SSOP5	IC4	Single Bus Buffer Gate with 3-State Output
1	74AHCT1G04DBV	SOT23-5	IC5	INVERTER Gate
2	2SC945	TO92-ECB	T1, T2	NPN Transistor
2	33	C025-024X044	C1, C2	CAPACITOR
3	100n	C025-024X044	C3, C4, C9	CAPACITOR
2	220n	C025-024X044	C5, C6	CAPACITOR
1	2u2	C025-024X044	C7	CAPACITOR (ceramic)
1	1u	C025-024X044	C8	CAPACITOR (ceramic)
3	1k5	0204/5	R1, R2, R3	RESISTOR
2	36k	0204/5	R4, R6	RESISTOR
2	150k	0204/5	R5, R7	RESISTOR
2	47k	0204/5	R8, R10	RESISTOR
1	1k	0204/5	R9	RESISTOR
1	10k	0204/5	R11	RESISTOR
1	3k9	0204/5	R12	RESISTOR
1	green	LED3MM	LED2	LED
1	red	LED3MM	LED1	LED
1	yellow	LED3MM	LED3	LED
1	7.3728MHz	HC49U-V	Q1	CRYSTAL
1	MEGA8535-P	DIL40	IC1	MICROCONTROLLER
1	74HC165N	DIL16	IC2	8-bit parallel load SHIFT REGISTER
1		1X03	JP2	JUMPER
1	FTDI	1X06/90	JP1	PIN HEADER
1		ML20L	HV_PROG	
1	AVRISP-6	AVRISP	ISP	AVR ISP HEADER