

Qty	REF-DES	VALUE	PART DESC	Digikey
2	C6-7	18pF	CAP 0805 CER 10pF 50V +5% NP0	709-1171-1-ND
3	C3 C41-42	10nF	CAP 0805 CER 10nF 50V +10% NP0	709-1188-1-ND
9	C1-2 C13 C17 C25 C30-31 C36 C43	0.1uF	CAP 0805 CER 0.1uF 50V +10% X7R	311-1140-1-ND
3	C4 C10-11	1uF	CAP 0805 CER 1uF 25V +10% X5R	587-1291-1-ND
2	C37 C44	10uF	CAP 1210 CER 10uF 25V +20% X5R	587-1374-1-ND
3	R2 R6 R19	0	RESISTOR SMT 0805 10% 0ohm	311-0.0ARCT-ND
2	R13 R16	22.1	RESISTOR SMT 0805 1% 22.1	311-22ARCT-ND
1	R21	56	RESISTOR SMT 0805 5% 56	311-56ARCT-ND
5	R22 R46-49	150	RESISTOR SMT 0805 5% 150	RMCF0805JT150RCT-ND
1	R20	560	RESISTOR SMT 0805 5% 560	311-560ARCT-ND
2	R1 R4	1K	RESISTOR SMT 0805 1% 1K	311-1.0KARCT-ND
2	R17-18	10K	RESISTOR SMT 0805 1% 10K	311-10KARCT-ND
1	R10	1M	RESISTOR SMT 0805 5% 1M	311-1.0MARCT-ND

1	R5	OMIT	RESISTOR SMT 0805 OMIT	
1	RN1	56	RES NET 56 OHM ±5% 8P ISL NPb 0603	YC164J-56CT-ND
1	Y1	16.00 Mhz	16Mhz 6.0mm x 3.5mm 4PAD Crystal	CTX856CT-ND
1	L3	6.8uH 15mA	Ferrite Bead 6.8uH 15mA	445-6248-1-ND
1	L2	10uH	INDUCTOR 10UH 100MA 20% 0805	445-3614-1-ND
7	LED1-3 LED6-9	Green	LED GREEN 0805 SMT 2.2V 20mA	754-1131-1-ND
3	D3-5	CDBM140-G	DIODE SCHOTTKY 1A 40V MINI_SMA S	641-1325-1-ND
1	F1	OZCA0075FF2G	6V 0.75A PTC Fuse	507-1481-1-ND
2	S1-2	B3U-1000P	Tact switch SMT Ultra Small 3mmx2.5	SW1020CT-ND

1 U2	3V		296-12159-1-ND
1 U5	SPX1117	IC REG LDO 5.0V 800MA SOT223-3	1016-1238-ND
1 U4	ATMEGA32U4	IC MCU 8BIT 32K FLASH 2K RAM 44-LC	ATMEGA32U4-AU-ND
1 J15	UX60-MB-5ST	USB-B Mini receptical Hirose UX60-ME	H2959CT-ND
1 J12	DC JACK	CONN POWER JACK 2.1MM	CP-002A-ND
1 J3	CON-HDR-6 FEMALE	CONN, 0.1" 1x6 FEMALE STRAIGHT	S7004-ND
2 J2 J13	CON-HDR-8 FEMALE	CONN, 0.1" 1x8 FEMALE STRAIGHT	S4008-ND
1 J1	CON-HDR-10 FEMALE	CONN, 0.1" 1x10 FEMALE STRAIGHT	S7008-ND
1 J14	CON-HDR-6 MALE	CONN, 0.1" 1x6 MALE UNSHROUDED	S431116-ND
1 J4	Atmel ISP	Atmel ISP 2x3 .1	XG8W-2041-ND
1 J10	Atmel JTAG	2x5 0.1 Header for ATMega JTAG	