

Comment	Description	Designator	Quantity
CAP-NONPOL	Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.25pF	C1, C2, C3, C4, C8, C9, C10, C11	8
CAP-NONPOL	Ceramic capacitor, SMD 1206, X7R, 16V, ±10%	C5, C6, C7	3
LED	LED, Red, Wave length=628nm, SMD 0603 (de19773)	D1	1
PORT A	2 X 5 way socket, MALE, thru hole, 2.5mm pitch	J1	1
PORT B	2 X 5 way socket, RA, thru hole, 2.5mm pitch	J2	1
PORT C	2 X 5 way socket, RA, thru hole, 2.5mm pitch	J3	1
PORT Qx	2 X 5 way socket, RA, thru hole, 2.5mm pitch	J4	1
PORT E	2 X 5 way socket, RA, thru hole, 2.5mm pitch	J5	1
PORT Qy	2 X 5 way socket, RA, thru hole, 2.5mm pitch	J6	1
RES	Thick film resistor, SMD 0603, 1/10W, 1%	R1	1
RES	Thick film resistor, SMD 0402, 1/16W, 1% (de19764)	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17	16
TQFP package	ATxmega32A4U	U1	1
USB_AB	Micro USB AB Connector	U2	1
REG711EA-3.3/250	REG711EA-3.3/250, 3.3V Output Regulator, TI	U3	1
PDI / ISP	2 X 3 way socket, RA, thru hole, 2.5mm pitch	U4	1
10PIN_TOUCH_DATA	2 X 5 way socket, RA, thru hole, 2.5mm pitch	U5	1