

Partlist exported from /home/kirill/GitHub/Crypto-Programmer/Rev A/crypto_programmer.sch at 8/18/17 10:07 AM

Qty	Value	Device	Package	Parts	Description	MAN- PART_NUM	MANUFACTURER VALUE
1	1.0K	R-US_R0603	R0603	R6	RESISTOR, American symbol		
3	1.0uF	C-EUC0603	C0603	C6, C14, C15	CAPACITOR, European symbol		
2	10.0K	R-US_R0603	R0603	R5, R8	RESISTOR, American symbol		
5	100nF	C-EUC0603	C0603	C1, C5, C9, C11, C13	CAPACITOR, European symbol		
1	10104111-0001LF	10104111-0001LF	10104111-0001LF	J1	USB - micro AB USB 2.0 Receptacle Connector	10104111-0001LF	Amphenol
2	10uF	C-EUC0805	C0805	C10, C12	CAPACITOR, European symbol		
2	150	R-US_R0603	R0603	R3, R4	RESISTOR, American symbol		
2	1825910-6	SWITCH-TACT-TH	SWITCH-TACT-TH	S1, S2	Standard Tactile Switch SPST-NO Top Actuated	1825910-6	TE Connectivity
1	330	R-US_R0603	R0603	R7	RESISTOR, American symbol		
2	4.75K	R-US_R0603	R0603	R1, R2	RESISTOR, American symbol		
1	ATSAML21E18B-AU	ATSAML21E18B-AU	ATSAML21E18-AU	U1	ARM® Cortex®-M0+ SAM L21E Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH	ATSAML21E18B-AUT	Atmel
1	BLM18PG471SN1D	L0603	L0603	L1	Various Inductors		
1	DNP	ABL-8.000MHZ-B2	ABL-8.000MHZ-B2	X1	8MHz ±20ppm Crystal	ABL-8.000MHZ-B2	Abracon
1	DNP	ABS07AIG-	ABS07AIG-	X2	32.768kHz ±20ppm	ABS07AIG-	Abracon

		32.768KHZ-9-T	32.768KHZ-9-T	Crystal	32.768KHZ-9-T		
5	DNP	C-EUC0603	C0603	C2, C3, C4, C7, C8	CAPACITOR, European symbol		
1	DNP	L0603	L0603	L2	Various Inductors		
3	DNP	M20-9990246	M20-9990246	J4, J5, J6	2 Positions Header	M20-9990246	Harwin Inc.
1	GREEN	LTST-C190GKT	0603	D1	LED Indication	LTST-C190	Lite-On Inc.
1	M20-9951045	M20-9951045	M20-9951045	J2	20 Positions Header		
1	MCP1703AT- 3302E/CB	MCP1703AT- 3302E/CB	MCP1703AT- 3302E/CB	U2	Linear Voltage Regulator IC	MCP1703AT- 3302E/CB	Microchip Technology
1	RED	LTST-C190EKT	0603	D2	LED Indication	LTST-C190	Lite-On Inc.
1	TC2050-IDC-NLFP	TC2050-IDC- NLFP	TC2050-IDC- NLFP	J3	JTAG Cable	TC2050-IDC- NLFP	Tag Connect

GREEN

RED