



Bill of Materials

Bill of Materials For Project [USB_RC522_CARD_RW.PrjPcb] (No PCB Document Sel

Source Data From: USB_RC522_CARD_RW.PrjPcb
Project: USB_RC522_CARD_RW.PrjPcb
Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
0603	10nF	C0603	C1, C2, C6	Ceramic Chip Capacitor - Standard	3
0805	10uF	C0805	C3, C4	Ceramic Chip Capacitor - Standard	2
0603	100nF	C0603	C5, C7, C8, C10	Ceramic Chip Capacitor - Standard	4
0805	470nF	C0805	C9	Ceramic Chip Capacitor - Standard	1
SMD-0805	10uH	744790282	L1	SMD-Multilayer Inductor WE-MI, L = 8.20 µH	1
HDR1X2	BUZZER	Header 2	P1	Header, 2-Pin	1
USB mini B	USB	USB mini B	P2	USB connector B mini	1
HDR1X8	RC522 CARD RW	Header 8	P3	Header, 8-Pin	1
HDR1X5	PICKIT3_ICSP	Header 5	P4	Header, 5-Pin	1
HDR1X2	BLUE LED	Header 2	P5	Header, 2-Pin	1
HDR1X2	RED LED	Header 2	P6	Header, 2-Pin	1
SOT23_N	MMBT2222	BC817	Q1	NPN General-purpose Transistor	1
ERA-0603	1K	ERAV	R1	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	100R	ERAV	R2, R6	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0603	100K	ERAV	R3	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	330R	ERAV	R4	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	10K	ERAV	R5	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ZZ311	REG1117-3.3	REG1117-3.3	U1	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1
MCHP-SOIC- SO28_N	PIC18F25K50- I/SO	PIC18F25K50- I/SO	U2	Low-Power, High-Performance Microcontroller with XLP Technology, 48 MHz, 24 I/O, -40 to 85 degC, 28-pin SOIC (SO28), Tube	1
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Approved	Notes