Component reference list (grouped)

\<Parameter Project not found\>

Source Data From:	Arduino UNO.PrjPcb
Project:	Arduino UNO.PrjPcb
Variant:	5V/3V3

Report Date:	18-05-2020	11:08 AM
Print Date:	18-May-20	11:09:58 AM

Contact:

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#	Designator	Quantity	Comment	Description	Manufacturer 1	Manufacturer Part Number 1	#Column Name Error:' Package / Case	Supplier 1	Supplier Part Number 1
1	1, JP2	2	1-2_HEADDER	Conn Unshrouded Header HDR 3 POS 2.54mm Solder ST Thru-	Amphenol ICC	68000-103HLF		Digi-Key	609-3461-ND
2	C1, C3, C4, C5, C6, C9, C13, C14, C16, C19,	19	100n	TDK - C2012X7R1H104K085AA -	TDK	C2012X7R1H104K085AA		Digi-Key	445-7534-1-ND
3	C2, C12, C17, C18, C23, C29, C33	7	10uF/16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL	TDK	C2012X5R1C106M125AC		Digi-Key	445-4115-2-ND
4	C7, C8, C25, C27	4	18p	CAP CER 18PF 50V C0G/NP0 0805	KEMET	C0805C180J5GACTU		Digi-Key	399-1112-1-ND
5	C10, C11	2	100uF/10V	Cap Aluminum 100uF 10V 20% (5 X 5.4mm) SMD 50mA 1000	Panasonic	EEE-1AA101WR		Digi-Key	PCE3867CT-ND
6	C15	1	1u	TDK - C2012X5R1E105K125AA - SMD Multilayer Ceramic	TDK	C2012X5R1E105K125AA		Digi-Key	445-1419-1-ND
7	D1, D6	2	BAT54HT1G	Small Signal Schottky Diode, Single, 30 V, 200 mA, 800 mV,	ON Semiconductor / Fairchild	BAT54HT1G		Digi-Key	BAT54HT1GOSCT-ND
8	D2, D3, D5	3	LED ORG	OSRAM - LO L29K-H2K1-24-Z - SMARTLED 0603 ORANGE	Osram Opto	LOL29K-H2K1-24-Z		Digi-Key	475-2740-2-ND
9	D4	1	LED GREEN	LED Uni-Color Green 572nm 2-Pin Chip 0603(1608Metric) T/R	Osram Opto	LGL29K-G2J1-24-Z		Digi-Key	475-2709-1-ND
10	FB1, FB2, FB3	3	MPZ2012S601AT000	FERRITE BEAD 600 OHM 0805 1LN	TDK	MPZ2012S601AT000		Digi-Key	445-2206-1-ND
11	J1, J10	2	M20-7820842	2.54mm (0.1") Pitch SIL Vertical PC Tail Socket Assembly,	Harwin	M20-7820842		Digi-Key	952-1823-ND
12	J3, J7	2	hedder 2*3	CONN HEADER 6POS .100 STR 30AU	Amphenol ICC / FCI	67997-106HLF		Digi-Key	609-3393-ND
13	J4	1	10118193-0001LF	CONN USB MICRO B RECPT SMT R/A	Amphenol FCI	10118193-0001LF		Digi-Key	609-4616-1-ND
14	J8	1	M20-7821046	HARWIN - M20-7821046 - Board-To-Board Connector, M20	Harwin	M20-7821046		Digi-Key	952-1847-ND
15	J9	1	M20-7820646	06-WAY SIL VERT SOCKET L/FREE	Harwin	M20-7820646		Digi-Key	952-1809-ND
16	JP1	1	1X4 HEADDER	CONN HEADER VERT 4POS 2.54MM	Amphenol FCI	68001-204HLF		Digi-Key	609-3402-ND
17	L1	1	2u2/2A	FIXED IND 2.2UH 2A 80 MOHM SMD	KEMET	L1210R2R2MDWIT		Digi-Key	399-9598-1-ND
18	LINK1, LINK2, LINK3	3	LINK	CONN JUMPER SHORTING .100" GOLD	Sullins	QPC02SXGN-RC		Digi-Key	S9337-ND
19	R1, R6, R20, R23, R26, R27	6	10K	RES SMD 10K OHM 1% 1/8W 0805	Yageo	RC0805FR-0710KL		Digi-Key	311-10.0KCRCT-ND
20	R2, R8, R10, R11, R22, R24, R28	7	22	RES SMD 22 OHM 1% 1/8W 0805	Yageo	RC0805FR-0722RL		Digi-Key	311-22.0CRCT-ND
21	R3	1	100K	YAGEO RC0805FR-07100KL RES, THICK FILM,	Yageo	RC0805FR-07100KL		Digi-Key	311-100KCRCT-ND
22	R4, R5, R18, R19, R21	5	560	Surface Mount Thick Film Resistor, RC Series, 560 ohm, 125	Yageo	RC0805FR-07560RL		Digi-Key	311-560CRCT-ND
23	R7, R25	2	1M	RES SMD 1M OHM 1% 1/8W 0805	Yageo	RC0805FR-071ML		Digi-Key	311-1.00MCRCT-ND
24	R12, R14, R17	3	1K	RESISTOR, 0805 1K 1%, FULL REEL; Product Range:YAGEO	Yageo	RC0805FR-071KL		Digi-Key	311-1.00KCRCT-ND
25	R13	1	R0	Surface Mount Thick Film Resistor, RC Series, 125 mW, - 5%,	Yageo	RC0805JR-070RL		Digi-Key	311-0.0ARCT-ND
26	SOCKETU1	1	28DIP SCOKET	CONN IC DIP SOCKET 28POS TIN	3M	7010501790		Digi-Key	3M5480-ND
27	SW1, SW2	2	4_pin_switch	SWITCH TACTILE SPST-NO 0.05A 24V	ALCOSWITCH - TE CONNECTIVITY	1825910-6		Digi-Key	450-1650-ND
28	U1, U4, U5, U7	4	AND	TEXAS INSTRUMENTS - SN74AHC1G09DBVR - AND Gate,	Texas Instruments	SN74AHC1G09DBVR		Digi-Key	296-29202-1-ND
29	U2	1	ATMEGA16U2-AU	MICROCHIP - ATMEGA16U2-AU - MCU, 8BIT, MEGAAVR,	Microchip / Atmel	ATMEGA16U2-AU		Digi-Key	ATMEGA16U2-AU-ND
30	U3	1	TL1963A-33DCQR	IC REG LINEAR 3.3V 1.5A SOT223-6	Texas Instruments	TL1963A-33DCQR		Digi-Key	296-24534-1-ND
31	U6	1	ATMEGA328P-PU	ATMEGA328P-PU; 8 bit Microcontroller AVR 20MHz 1; 32kb	Microchip / Atmel	ATMEGA328P-PU		Digi-Key	ATMEGA328P-PU-ND
32	Y1	1	10MHZ	CRYSTAL 10.0000MHZ 18PF SMD	Abracon	ABM7-10.000MHZ-D2Y-T		Digi-Key	535-9833-1-ND
33	Y2	1	8MHZ	ABRACON - ABM7-8.000MHZ-D2Y-T - Crystal, Miniature, 8	Abracon	ABM7-8.000MHZ-D2Y-T		Digi-Key	535-9831-1-ND
34	Z1, Z2	2	varister	VARISTOR 0603	Bourns	CG0603MLC-05E		Digi-Key	CG0603MLC-05ECT-ND

Approved

Notes