

Component list

UNO BOM for Variant [Fixed 5V] of Project [Arduino UNO.PrjPcb] (No PCB Document Selected)

Source Data From: Arduino UNO.PrjPcb

Project: Arduino UNO.PrjPcb

Variant: Fixed 5V

Contact:

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#	Category	Manufacturer 1	Manufacturer Part Number 1	#Column Name Error: Package / Case	Description	Quantity	Supplier 1	Supplier Part Number 1	Supplier Order Qty 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1	Supplier Currency 1
1	Aluminum Electrolytic Capacitors	Panasonic	EEE-1AA101WR		Cap Aluminum 100uF 10V 20% (5 X 5.4mm)	2	Digi-Key	PCE3867CT-ND	20	83674	0.22	4.42	USD
2	Ceramic Capacitors	KEMET	C0805C180J5GACTU		CAP CER 18PF 50V C0G/NP0 0805	4	Digi-Key	399-1112-1-ND	40	10088	0.10	4.00	USD
3	Ceramic Capacitors	TDK	C2012X5R1C106M125AC		CERAMIC CAPACITOR, 10UF, 16V, X5R,	7	Digi-Key	445-4115-2-ND		200		0.10	USD
4	Ceramic Capacitors	TDK	C2012X5R1E105K125AA		TDK - C2012X5R1E105K125AA - SMD	1	Digi-Key	445-1419-1-ND	10	12404	0.18	1.82	USD
5	Ceramic Capacitors	TDK	C2012X7R1H104K085AA		TDK - C2012X7R1H104K085AA -	19	Digi-Key	445-7534-1-ND	190	275954	0.06	10.66	USD
6	Chip SMD Resistors	Yageo	RC0805FR-071ML		RES SMD 1M OHM 1% 1/8W 0805	2	Digi-Key	311-1.00MCRCT-ND	20	3598470	0.04	0.80	USD
7	Chip SMD Resistors	Yageo	RC0805FR-0710KL		RES SMD 10K OHM 1% 1/8W 0805	6	Digi-Key	311-10.0KCRCT-ND	60	22887832	0.04	2.40	USD
8	Chip SMD Resistors	Yageo	RC0805FR-0722RL		RES SMD 22 OHM 1% 1/8W 0805	7	Digi-Key	311-22.0CRCT-ND	70	200	0.04	2.80	USD
9	Chip SMD Resistors	Yageo	RC0805FR-071KL		RESISTOR, 0805 1K 1%, FULL REEL;	3	Digi-Key	311-1.00KCRCT-ND	30	20151122	0.04	1.20	USD
10	Chip SMD Resistors	Yageo	RC0805JR-070RL		Surface Mount Thick Film Resistor, RC Series,	2	Digi-Key	311-0.0ARCT-ND	20	8202005	0.04	0.70	USD
11	Chip SMD Resistors	Yageo	RC0805FR-07560RL		Surface Mount Thick Film Resistor, RC Series,	5	Digi-Key	311-560CRCT-ND	50	213884	0.04	2.00	USD
12	Chip SMD Resistors	Yageo	RC0805FR-07100KL		YAGEO RC0805FR-07100KL	1	Digi-Key	311-100KCRCT-ND	10	4878720	0.04	0.40	USD
13	Connectors	3M	7010501790		CONN IC DIP SOCKET 28POS TIN	1	Digi-Key	3M5480-ND	10	4833	0.69	6.93	USD
14	Connectors	Sullins	QPC02SXGN-RC		CONN JUMPER SHORTING .100" GOLD	2	Digi-Key	S9337-ND	20	482401	0.06	1.18	USD
15	Crystals	Abracon	ABM7-16.000MHZ-D2Y-T		CRYSTAL 16.0000MHZ 18PF SMD	2	Digi-Key	535-9840-1-ND	20	66009	0.89	17.72	USD
16	Fixed Inductors	KEMET	L1210R2R2MDWIT		FIXED IND 2.2UH 2A 80 MOHM SMD	1	Digi-Key	399-9598-1-ND	10	36720	0.48	4.79	USD
17	Headers and Wire Housings	Harwin	M20-7820842		2.54mm (0.1") Pitch SIL Vertical PC Tail	2	Digi-Key	952-1823-ND	20	2000	0.97	19.44	USD
18	Headers and Wire Housings	Harwin	M20-7820646		06-WAY SIL VERT SOCKET L/FREE	1	Digi-Key	952-1809-ND	10	1250	0.84	8.42	USD
19	Headers and Wire Housings	Amphenol ICC / FCI	67997-106HLF		CONN HEADER 6POS .100 STR 30AU	2	Digi-Key	609-3393-ND	20	1915	1.61	32.28	USD
20	Headers and Wire Housings	Amphenol FCI	68001-204HLF		CONN HEADER VERT 4POS 2.54MM	1	Digi-Key	609-3402-ND	10	3680	0.36	3.57	USD
21	Headers and Wire Housings	Amphenol ICC	68000-103HLF		Conn Unshrouded Header HDR 3 POS	1	Digi-Key	609-3461-ND	10	4561	0.28	2.79	USD
22	Headers and Wire Housings	Harwin	M20-7821046		HARWIN - M20-7821046 - Board-To-Board	1	Digi-Key	952-1847-ND	10	438	1.12	11.22	USD
23	Inductors	TDK	MPZ2012S601AT000		FERRITE BEAD 600 OHM 0805 1LN	3	Digi-Key	445-2206-1-ND	30	120152	0.07	2.11	USD
24	Logic Gates	Texas Instruments	SN74AHC1G09DBVR		TEXAS INSTRUMENTS -	4	Digi-Key	296-29202-1-ND	40	24977	0.21	8.40	USD
25	Microcontrollers	Microchip / Atmel	ATMEGA328P-PU		ATMEGA328P-PU; 8 bit Microcontroller AVR	1	Digi-Key	ATMEGA328P-PU-ND	10	4952	2.08	20.80	USD
26	Microcontrollers	Microchip / Atmel	ATMEGA16U2-AU		MICROCHIP - ATMEGA16U2-AU - MCU,	1	Digi-Key	ATMEGA16U2-AU-ND	10	3976	2.45	24.50	USD
27	Pushbutton Switches	ALCOWITCH - TE CONNECTIVITY	1825910-6		SWITCH TACTILE SPST-NO 0.05A 24V	2	Digi-Key	450-1650-ND	20	38289	0.10	2.02	USD
28	Rectifier Diodes	ON Semiconductor / Fairchild	BAT54HT1G		Small Signal Schottky Diode, Single, 30 V,	2	Digi-Key	BAT54HT1GOSCT-ND	20	350209	0.18	3.62	USD
29	Uncategorized	Osram Opto	LGL29K-G2J1-24-Z		LED Uni-Color Green 572nm 2-Pin Chip	1	Digi-Key	475-2709-1-ND	10	163029	0.30	3.04	USD
30	Uncategorized	Osram Opto	L0L29K-H2K1-24-Z		OSRAM - LO L29K-H2K1-24-Z - SMARTLED	3	Digi-Key	475-2740-2-ND		2000		0.10	USD
31	USB Connectors	Amphenol FCI	10118193-0001LF		CONN USB MICRO B RECP T SMT R/A	1	Digi-Key	609-4616-1-ND	10	168558	0.41	4.05	USD
32	Varistors	Bourns	CG0603MLC-05E		VARISTOR 0603	2	Digi-Key	CG0603MLC-05ECT-ND	20	15208	0.36	7.18	USD
33	Voltage Regulators - Linear	Texas Instruments	TL1963A-33DCQR		IC REG LINEAR 3.3V 1.5A SOT223-6	1	Digi-Key	296-24534-1-ND	10	3496	2.51	25.13	USD

Approved

Notes

10 pcs:

Total

Price for 1pcs

240.59 USD

24.06 USD