

Component reference list

<Parameter Project not found>

Source Data From:

Arduino UNO.PjPcb

Project:

Arduino UNO.PjPcb

Variant:

SV3V3

Contact:

Thirunathi N

Electronic Engineer

P.S.N.A. OET

DINDIGUL

TAMIL NADU

INDIA

#	Designator	Comment	Description	Manufacturer 1	Manufacturer Part Number 1	#Column Name Error? Package / Case	Supplier 1	Supplier Part Number 1
1		1-2_HEADER	Conn Unshrouded Header HDR 3 POS 2.54mm Solder ST				Digi-Key	609-3461-ND
2	C1	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
3	C2	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
4	C3	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
5	C4	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
6	C5	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
7	C8	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
8	C7	18p	CAP CER 18PF 50V COGNP0 0805				Digi-Key	399-1112-1-ND
9	C8	18p	CAP CER 18PF 50V COGNP0 0805				Digi-Key	399-1112-1-ND
10	C9	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
11	C10	100uF10V	Cap Aluminum 100uF 10V 20% (S X 5.4mm) SMD 50mA				Digi-Key	PC3967C1-ND
12	C11	100uF10V	Cap Aluminum 100uF 10V 20% (S X 5.4mm) SMD 50mA				Digi-Key	PC3967C1-ND
13	C12	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
14	C13	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
15	C14	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
16	C15	1u	TDK - C2012X5R1E105K125AA - SMD Multilayer Ceramic				Digi-Key	445-1419-1-ND
17	C16	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
18	C17	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
19	C18	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
20	C19	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
21	C20	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
22	C21	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
23	C22	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
24	C23	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
25	C24	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
26	C25	18p	CAP CER 18PF 50V COGNP0 0805				Digi-Key	399-1112-1-ND
27	C27	18p	CAP CER 18PF 50V COGNP0 0805				Digi-Key	399-1112-1-ND
28	C28	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
29	C29	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
30	C30	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
31	C31	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
32	C32	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
33	C33	10uF16v	CERAMIC CAPACITOR, 10UF, 16V, X5R, 20%, 0805, FULL				Digi-Key	445-4115-2-ND
34	C34	100n	TDK - C2012X7R1H104K085AA -				Digi-Key	445-7534-1-ND
35	D1	BAT54HT1G	Small Signal Schottky Diode, Single, 30 V, 200 mA, 800				Digi-Key	BA154HT1GUSCT-ND
36	D2	LED ORG	OSRAM - LO L29K-H2K1-24-2 - SMARTLED 0603 ORANGE				Digi-Key	475-2740-2-ND
37	D3	LED ORG	OSRAM - LO L29K-H2K1-24-2 - SMARTLED 0603 ORANGE				Digi-Key	475-2740-2-ND
38	D4	LED GREEN	LED Uni-Color Green 572nm 2-Pin Chip 0603(1608Metric)				Digi-Key	475-2709-1-ND
39	D5	LED ORG	OSRAM - LO L29K-H2K1-24-2 - SMARTLED 0603 ORANGE				Digi-Key	475-2740-2-ND
40	D6	BAT54HT1G	Small Signal Schottky Diode, Single, 30 V, 200 mA, 800				Digi-Key	BA154HT1GUSCT-ND
41	FB1	MP22012S601AT000	FERRITE BEAD 600 OHM 0805 1LN				Digi-Key	445-2206-1-ND
42	FB2	MP22012S601AT000	FERRITE BEAD 600 OHM 0805 1LN				Digi-Key	445-2206-1-ND
43	FB3	MP22012S601AT000	FERRITE BEAD 600 OHM 0805 1LN				Digi-Key	445-2206-1-ND
44	J1	M20-7820842	2.54mm (0.1") Pitch SL Vertical PC Tail Socket Assembly,				Digi-Key	952-1823-ND
45	J3	header 2*3	CONN HEADER 4POS, 100 STR 30AU				Digi-Key	609-3393-ND
46	J4	10118193-0001LF	CONN USB MICRO B RECEPT SMT R/A				Digi-Key	609-4616-1-ND
47	J7	header 2*3	CONN HEADER 4POS, 100 STR 30AU				Digi-Key	609-3393-ND
48	J8	M20-7821046	HARWIN - M20-7821046 - Board-To-Board Connector, M20				Digi-Key	952-1847-ND
49	J9	M20-7820846	DAVITA SL VERT SOCKET, LF REE				Digi-Key	952-1809-ND
50	J10	M20-7820842	2.54mm (0.1") Pitch SL Vertical PC Tail Socket Assembly,				Digi-Key	952-1823-ND
51	JP1	1X4 HEADER	CONN HEADER VERT 4POS 2.54MM				Digi-Key	609-3402-ND
52	JP2	1-2_HEADER	Conn Unshrouded Header HDR 3 POS 2.54mm Solder ST				Digi-Key	609-3461-ND
53	L1	2u2/2A	FIXED ND 2.2uH 2A 80 MOHM SMD				Digi-Key	399-6938-1-ND
54	LINK1	LINK	CONN JUMPER SHORTING, 100' GOLD				Digi-Key	S9337-ND
55	LINK2	LINK	CONN JUMPER SHORTING, 100' GOLD				Digi-Key	S9337-ND
56	LINK3	LINK	CONN JUMPER SHORTING, 100' GOLD				Digi-Key	S9337-ND
57	R1	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
58	R2		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
59	R3	100K	YAGEO - RC0805FR-07100KL RES, THICK FILM,				Digi-Key	311-100KCRCT-ND
60	R4		560 Surface Mount Thick Film Resistor, RC Series, 560 ohm,				Digi-Key	311-560CRCT-ND
61	R5		560 Surface Mount Thick Film Resistor, RC Series, 560 ohm,				Digi-Key	311-560CRCT-ND
62	R6	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
63	R7	1M	RES SMD 1M OHM 1% 18W 0805				Digi-Key	311-1.0MCRCT-ND
64	R8		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
65	R10		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
66	R11		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
67	R12	1K	RESISTOR, 0805 1K 1%, FULL REEL, Product				Digi-Key	311-1.0KCRCT-ND
68	R13	R0	Surface Mount Thick Film Resistor, RC Series, 125 mW, -				Digi-Key	311-0.0W5CT-ND
69	R14	1K	RESISTOR, 0805 1K 1%, FULL REEL, Product				Digi-Key	311-1.0KCRCT-ND
70	R17	1K	RESISTOR, 0805 1K 1%, FULL REEL, Product				Digi-Key	311-1.0KCRCT-ND
71	R18		560 Surface Mount Thick Film Resistor, RC Series, 560 ohm,				Digi-Key	311-560CRCT-ND
72	R19		560 Surface Mount Thick Film Resistor, RC Series, 560 ohm,				Digi-Key	311-560CRCT-ND
73	R20	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
74	R21		560 Surface Mount Thick Film Resistor, RC Series, 560 ohm,				Digi-Key	311-560CRCT-ND
75	R22		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
76	R23	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
77	R24		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
78	R25	1M	RES SMD 1M OHM 1% 18W 0805				Digi-Key	311-1.0MCRCT-ND
79	R26	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
80	R27	10K	RES SMD 10K OHM 1% 18W 0805				Digi-Key	311-10.0KCRCT-ND
81	R28		22 RES SMD 22 OHM 1% 18W 0805				Digi-Key	311-22.0CRCT-ND
82	SOCKETU1	28DIP SCKEET	CONN IC DIP SOCKET 28POS TIN				Digi-Key	3M5480-ND
83	SW1	4_pin_switch	SWITCH TACTILE SPST-NO 0.05A 24V				Digi-Key	450-1650-ND
84	SW2	4_pin_switch	SWITCH TACTILE SPST-NO 0.05A 24V				Digi-Key	450-1650-ND
85	U1	AND	TEXAS INSTRUMENTS - SN74AHC1G09DBVR - AND Gate				Digi-Key	296-29202-1-ND
86	U2	AND	MICROCHIP - ATMEGA16U2-AU - MCU, 8BIT, MEGA AVR,				Digi-Key	ATMEGA16U2-AL-ND
87	U3	TL1963A-33DCOR	IC REG LINEAR 3.3V 1.5A SOT223-6				Digi-Key	296-24534-1-ND
88	U4	AND	TEXAS INSTRUMENTS - SN74AHC1G09DBVR - AND Gate				Digi-Key	296-29202-1-ND
89	U5	AND	TEXAS INSTRUMENTS - SN74AHC1G09DBVR - AND Gate				Digi-Key	296-29202-1-ND
90	U6	ATMEGA328P-PJ	ATMEGA328P-PJ: 8-Bit Microcontroller AVR 28MHz 1: 32kB				Digi-Key	ATMEGA328P-PJ-ND
91	U7	AND	TEXAS INSTRUMENTS - SN74AHC1G09DBVR - AND Gate				Digi-Key	296-29202-1-ND
92	Y1	10MHZ	CRYSTAL 10.0000MHZ 18PF SMD				Digi-Key	535-9833-1-ND
93	Y2	8MHZ	ABRACON - ABM7-8.000MHZ-02V-T - Crystal, Miniature, 8				Digi-Key	535-9831-1-ND
94	Z1	varistor	VARISTOR 0603				Digi-Key	C20603M-C-05ECT-ND
95	Z2	varistor	VARISTOR 0603				Digi-Key	C20603M-C-05ECT-ND

Approved

Notes