

Reference	Qty	Value	Manufacturer PN	Mouser PN
H1,H2,H5,H6,H7,H8,H9,H13,H14,H15	10	MountingHole_Pad	~	
SW2	1	ON	MJTPSHWA	642-MJTPSHWA
J32	1	EXT DISPLAY	~	2-ROW x6 PIN HEADER
D7,D8	2	1N4148	1N4148	512-1N4148
Q1	1	BC547B	BC547BTF	512-BC547BTF
J69	1	ATX-24	39-28-1243	538-39-28-1243
J1,J6,J11,J16,J21,J26	6	SS50 1-10	MOLEX 1-640384-0	571-16403840
J2,J7,J12,J17,J22,J27	6	SS50 11-20	MOLEX 1-640384-0	571-16403840
J3,J8,J13,J18,J23,J28	6	SS50 21-30	MOLEX 1-640384-0	571-16403840
J4,J9,J14,J19,J24,J29	6	SS50 31-40	MOLEX 1-640384-0	571-16403840
J5,J10,J15,J20,J25,J30	6	SS50 41-50	MOLEX 1-640384-0	571-16403840
J41,J44,J47,J50,J53,J56,J59,J62	8	SS30 1-10	MOLEX 1-640384-0	571-16403840
J42,J45,J48,J51,J54,J57,J60,J63	8	SS30 11-20	MOLEX 1-640384-0	571-16403840
J43,J46,J49,J52,J55,J58,J61,J64	8	SS30 21-30	MOLEX 1-640384-0	571-16403840
J33	1	POWER	MOLEX 1-640384-0	571-1-640384-0
F1	1	3A	05200001N *2needed	576-05200001N
F2,F3,F4	3	0.5A	05200001N *6needed	576-05200001N
C1,C2,C3,C7,C8,C11,C13,C15,C16,C17,C19,C20,C21,C22,C23,C	42	100N	K104K10X7RF53H5	594-K104K10X7RF53H5
C12	1	22p	K220J15COGF5TL2	594-K220J15COGF5TL2
R3,R11,R13,R14,R15,R16,R17,R22,R30	9	1K	MBB02070C1001FCT00	594-MBB02070C1001FCT00
R5,R6,R7,R23,R24,R25,R26,R27,R28,R29,R32	11	10K	MBB02070C1002FCT00	594-MBB02070C1002FCT00
R4	1	1M	MBB02070C1004FCT00	594-MBB02070C1004FCT00
R1,R2	2	2K2	MBB02070C2201FCT00	594-MBB02070C2201FCT00
R21,R31	2	470R	MBB02070C4700FCT00	594-MBB02070C4700FCT00
R10,R12	2	4K7	MBB02070C4701FCT00	594-MBB02070C4701FCT00
R8,R9,R18,R19,R20	5	680	MBB02070C6800FCT00	594-MBB02070C6800FCT00
U6	1	74LS121	SN74121N	595-SN74121N
U2,U4	2	74LS04	SN74LS04N	595-SN74LS04N
U11	1	74LS14	SN74LS14N	595-SN74LS14N
U12	1	74LS74	SN74LS74AN	595-SN74LS74AN
U8	1	74LS244	SN74LS244N	595-SN74LS244N
U10	1	74LS640	SN74LS640N	595-SN74LS640N
U9	1	74LS688	SN74LS688N	595-SN74LS688N
U5	1	74LS138	SN74LS138NE4	595-SN74LS138NE4
U7	1	74LS32	SN74LS32NE4	595-SN74LS32NE4
D1	1	+16V	WP710A10GD	604-WP710A10GD
D2	1	-16V	WP710A10GD	604-WP710A10GD
D3	1	+8V	WP710A10GD	604-WP710A10GD
D10	1	OK	WP710A10GD	604-WP710A10GD
RN1,RN2,RN3,RN4,RN5,RN6,RN7	7	680R	4609X-101-681LF	652-4609X-1LF-680
C9,C10,C18	3	10uF 16V	ECA-1CM100I	667-ECA-1CM100I
C4,C5,C6	3	220uF 16V	ECA-1EM221BJ	667-ECA-1EM221BJ
D9	1	SBY	SSL-LX3044AD	696-SSL-LX3044AD
D4	1	IO-SEL	INL-3AW30	743-INL-3AW30
D5	1	WRITE	INL-3AW30	743-INL-3AW30
D6	1	READ	INL-3AW30	743-INL-3AW30
C14	1	220p	1C10COG221J050B	75-1C10COG221J050B
SW1	1	SW_DIP_x04	210-4MS	774-2104MST
Y1	1	Crystal	MP018B	774-MP018B
C54,C55	2	1uF	C315C105K3R5TA	80-C315C105K3R
J31	1	BAUD OPTION B	SX1100-B	806-SX1100-B
J66	1	BAUD OPTION A	SX1100-B	806-SX1100-B
J67	1	110b OPT.	SX1100-B	806-SX1100-B
J68	1	BR OPT.	SX1100-B	806-SX1100-B
U3	1	LM7805_TO220	LM7805CT/NOPB	926-LM7805CT/NOPB
U1	1	MC14411	MC14411	ALIEXPRESS or EBAY
C52,C53	2	OPT.	NOT FITTED	