

Qty	Description	Ref.	Manufacturer	Part No.	Supplier	Part No.
1	68030 SBC-3 Rev 1.0 PCB					
1	1K SIL Resistor Network (4 Bussed)	RP13	Bourns	4605X-101-102LF	Mouser	652-4605X-11F-1K
2	1K SIL Resistor Network (8 Bussed)	RP1, RP2	Bourns	4609X-101-102LF	Mouser	652-4609X-11F-1K
2	2K2 SIL Resistor Network (8 Bussed)	RP20, RP22	Bourns	4609X-101-222LF	Mouser	652-4609X-11F-2.2K
4	10K SIL Resistor Network (8 Bussed)	RP5, RP6, RP14, RP19	Bourns	4609X-101-103LF	Mouser	652-4609X-11F-10K
5	33R SIL Resistor Network (4 Isolated)	RP11, RP15, RP16, RP17, RP18	Bourns	4308R-102-330LF	Mouser	652-4308R-2LF-33
1	1K SIL Resistor Network (4 Isolated)	RP8	Bourns	4308R-102-102LF	Mouser	652-4308R-2LF-1K
3	2K2 SIL Resistor Network (4 Isolated)	RP10, RP12, RP21	Bourns	4308R-102-222LF	Mouser	652-4308R-2LF-2.2K
2	10K SIL Resistor Network (4 Isolated)	RP7, RP9	Bourns	4308R-102-103LF	Mouser	652-4308R-2LF-10K
3	100R DIL Resistor Network (8 Isolated)	RP23, RP24, RP25	Bourns	4116R-1-101LF	Mouser	652-4116R-11F-100
3	OR0 1/8 Watt Resistor	R7, R11, R12	SEI Stackpole	CD18ZTOR00	Mouser	708-CD18ZTOR00
6	33R 1/8 Watt Resistor	R1, R2, R3, R4, R8, R9	Ohmite	OJ3305E-R52	Mouser	588-OJ3305E-R52
1	1K 1/8 Watt Resistor	R6	SEI Stackpole	CF18JT1K00	Mouser	708-CF18JT1K00
1	1K2 1/8 Watt Resistor	R10	SEI Stackpole	CF18JT1K20	Mouser	708-CF18JT1K20
1	10K 1/8 Watt Resistor	R5	SEI Stackpole	CF18JT10K0	Mouser	708-CF18JT10K0
30	100nF Ceramic Capacitor (2.54mm Pitch)	C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C14, C15, C16, C17, C19, C22, C23, C24, C25, C28, C29, C30, C31, C34, C35, C38, C39, C42, C43	KEMET	C320C104K3R5TA	Mouser	80-C320C104K3R5TA
12	47uF 16V Electrolytic Capacitor (2.54mm Pitch)	C1, C13, C18, C20, C21, C26, C27, C32, C33, C37, C40, C41	Nichicon	RNS1C470MDS1	Mouser	647-RNS1C470MDS1
1	MC68030RC50 IC	IC1	Motorola	MC68030RC50	Other	N/A
1	DS1813-5 IC (TO92 or SOT23)	IC2	Maxim	DS1813-5+	Mouser	700-DS1813-5+
1	ATTINY85-20PU IC + ATTINY1.ZIP	IC3	Microchip	ATTINY85-20PU	Mouser	556-ATTINY85-20PU
1	MC10H640FN IC	IC4	ON Semiconductor	MC10H640FN	Other	N/A
1	EPM7128SLC84-15N IC	IC5	Altera	EPM7128SLC84-15N	Other	N/A
1	M27C322-100F1	IC6	STMicroelectronics	M27C322-100F1	Other	N/A
8	AS6C4008-55PCN IC	IC7, IC8, IC9, IC10, IC11, IC12, IC13, IC14	Alliance Memory	AS6C4008-55PCN	Mouser	913-AS6C4008-55PCN
1	XR68C681J IC	IC15	MaxLinear	XR68C681J	Other	N/A
1	ATMEGA328P-PU IC	IC16	Microchip	ATMEGA328-PU	Mouser	556-ATMEGA328-PU
1	ATF22V10C-10PU IC + GAL16.JED	IC17	Microchip	ATF22V10C-10PU	Mouser	556-ATF22V10C-10PU
1	MC68230P10 IC	IC18	Motorola	MC68230P10	Other	N/A
1	DS1307 IC	IC19	Maxim	DS1307+	Mouser	700-DS1307
1	32.768 KHz Crystal (Cylindrical - 3x8mm)	Y5	ECS	ECS-.327-12.5-8X	Mouser	520-ECS-.327-12.5-8X
1	7.3728 MHz 5V HCMOS 8 Pin DIP Clock Oscillator	Y3	CTS	MXO45HS-3C-7M3728	Mouser	774-MXO45HS-3C-7.3
1	10 MHz 5V HCMOS 8/14 Pin DIP Clock Oscillator	Y4	CTS	MXO45HS-3C-10M0000	Mouser	774-MXO45HS-3C-10.0
1	80 MHz 5V HCMOS 8/14 Pin DIP Clock Oscillator	Y1	CTS	MXO45HS-3C-80M0000	Mouser	774-MXO45HS-3C-80.0
1	Green LED (3mm)	LD1	Kingbright	WP710A10GD	Mouser	604-WP710A10GD
1	Yellow LED (3mm)	LD2	Kingbright	WP710A10SYD	Mouser	604-WP710A10SYD
1	Blue LED (3mm)	LD3	Kingbright	WP710A10QBD/D	Mouser	604-WP710A10QBD/D
8	Ultra Bright White LED (3mm)	LD16, LD17, LD18, LD19, LD20, LD21, LD22, LD23	VCC	VAOL-3GWY4	Mouser	593-VAOL-3GWY4
1	Red 10 Segment Bar LED Display	LB1	Kingbright	DC10SURKWA	Mouser	604-DC10SURKWA

2	Tactile PCB Push Button Switch (6.5x4.5mm)	S1, S2	C&K Switches	PTS645SH43-2 LFS	Mouser	611-PTS645SH432
4	1 Row x 4 Pin Header (2.54mm Pitch)	(CN2+CN3), CN6, CN10, CN14	Amphenol FCI	10129378-904002BLF	Mouser	649-1012937890402BLF
1	1 Row x 5 Pin Header (2.54mm Pitch)	(CN1+CN9)	Amphenol FCI	10129378-905001BLF	Mouser	649-1012937890501BLF
1	2 Row x 5 Pin Header (2.54mm Pitch)	CN5	Amphenol FCI	10129381-910002BLF	Mouser	649-1012938191002BLF
1	ATX 2.0 Connector	CN4	Molex	39-29-9242	Mouser	538-39-29-9242
1	Dual PS2 Socket	CN7	Kycon	KMDGX-6SG/P-S4N	Mouser	806-KMDGX-6SGP-S4N
1	CompactFlash Socket	CN8	Samtec	CFT-125-01-L-D-RA-01-SL	Mouser	200-CFT12501LDRA01SL
2	40W 2 Row Boxed PCB Header (2.54mm Pitch)	CN11, CN13	Adam Tech	BHR-40-VUA	Mouser	737-BHR-40-VUA
1	44W 2 Row Boxed PCB Header (2mm Pitch)	CN12	Amphenol FCI	98414-F06-44ULF	Mouser	649-98414-F06-44ULF
2	96W ABC Straight DIN 41612 Socket	CN15, CN16	Harting	09032966825	Mouser	617-09-03-296-6825
10	1 Row x 2 Pin Header (2.54mm Pitch)	J2, J5, J10, J11, J12, J13, J14, J15, J16, H1	Amphenol FCI	10129378-902002BLF	Mouser	649-1012937890202BLF
2	1 Row x 3 Pin Header (2.54mm Pitch)	J3, J6	Amphenol FCI	10129378-903001BLF	Mouser	649-1012937890301BLF
1	1 Row x 4 Pin Header (2.54mm Pitch)	(J1+J4)	Amphenol FCI	10129378-904002BLF	Mouser	649-1012937890402BLF
1	1 Row x 6 Pin Header (2.54mm Pitch)	(J7+J8+J9)	Amphenol FCI	10129378-906002BLF	Mouser	649-1012937890602BLF
1	2 Row x 3 Pin Header (2.54mm Pitch)	JB1	Amphenol FCI	10129381-906002BLF	Mouser	649-1012938190602BLF
1	2 Row x 6 Pin Header (2.54mm Pitch)	JB2	Amphenol FCI	10129381-912002BLF	Mouser	649-1012938191202BLF
16	2 Pin Jumper 0.1" Pitch	J2, J3, J6, J7, J8, J9, J10, J11, J12, J13, J14, J16 JB1, JB2(3)	Aries Electronics	ME-100	Mouser	535-ME-100
1	128 Pin PGA IC Socket	IC1	Preci-dip	510-87-128-13-041101	Mouser	437-5108712813041101
1	28 Pin PLCC IC Socket	IC4	Mill-Max	940-44-084-24-000000	Mouser	575-942824
1	44 Pin PLCC IC Socket	IC15	Adam Tech	PLCC-44-AT	Mouser	737-PLCC-44-AT
1	84 Pin PLCC IC Socket	IC5	Mill-Max	940-44-084-24-000000	Mouser	575-948424
2	8 Pin DIP IC Socket	IC3, IC19	Preci-dip	110-87-308-41-001101	Mouser	437-1108730841001101
1	24 Pin Narrow DIP IC Socket	IC17	Preci-dip	110-87-324-41-001101	Mouser	437-1108732441001101
1	28 Pin Narrow DIP IC Socket	IC16	Preci-dip	110-83-328-41-001101	Mouser	437-1108332841001101
8	32 Pin DIP IC Socket	IC7, IC8, IC9, IC10, IC11, IC12, IC13, IC14	Preci-dip	110-87-632-41-001101	Mouser	437-1108763241001101
1	42 Pin DIP IC Socket	IC6	Preci-dip	110-87-642-41-001101	Mouser	437-1108764241001101
1	48 Pin DIP IC Socket	IC18	Preci-dip	110-87-648-41-001101	Mouser	437-1108764841001101
1	1 Row x 6 Pin Right Angled Header (2.54mm Pitch)	USB1	Amphenol FCI	10129379-906002BLF	Mouser	649-1012937990602BLF
1	TTL Serial to USB Adapter	USB1	SparkFun	DEV-15096	Mouser	474-DEV-15096
1	CR2032 Battery Holder	BT1	Multicomp Pro	MP000362	Farnell	3126601
1	CR2032 20x3.2mm 3V Coin Cell	BT1	Adam Tech	BH-25C-1	Mouser	737-BH-25C-1
					Other	
		Optional:				
4	2K2 SIL Resistor Network (8 Bussed)	RP26, RP27, RP28, RP29	Bourns	4609X-101-222LF	Mouser	652-4609X-1LF-2.2K
2	8 Segment Bar LED Display	LB2, LB3	N/A	N/A	Other	N/A
2	8 Way DIP Switch	DS2, DS3	TE Connectivity	ADE08A04	Mouser	506-ADE08A04
2	2 Row x 8 Pin Header (2.54mm Pitch)	JB3, JB4	Amphenol FCI	10129381-916001BLF	Mouser	649-1012938191601BLF
		Not Fitted:				
2	2K2 SIL Resistor Network (8 Bussed)	RP3, RP4	Bourns	4609X-101-222LF	Mouser	652-4609X-1LF-2.2K
1	100pF Ceramic Capacitor (2.54mm Pitch)	C36	KEMET	C315C101J3G5TA	Mouser	80-C315C101J3G5TA

1	100nF Ceramic Capacitor (2.54mm Pitch)	C44	KEMET	C320C104K3R5TA	Mouser	80-C320C104K3R5TA
1	ATF22V10C-10PU IC	IC20	Microchip	ATF22V10C-10PU	Mouser	556-ATF22V10C-10PU
1	7.3728 MHz 5V HCMOS 8 Pin DIP Clock Oscillator	Y2	CTS	MXO45HS-3C-7M3728	Mouser	774-MXO45HS-3C-7.3
2	1 Row x 12 Pin Header (2.54mm Pitch)	(H2+G25), (H3+V1)	Amphenol FCI	68000-112HLF	Mouser	649-68000-112HLF
1	1 Row x 6 Pin Right Angled Header (2.54mm Pitch)	USB2	Amphenol FCI	10129379-906002BLF	Mouser	649-1012937990602BLF
1	TTL Serial to USB Adapter	USB2	SparkFun	DEV-15096	Mouser	474-DEV-15096