

sbv

Ref	Qty	Value	Footprint	Description	Vendor
C1, C2, C3, C4, C5, C6, C7, C10, C11, C12, C13, C14, C15, C16, C17, C8, C9	15	0.1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/80-C0805C104J1RECAUT
	2	0.22uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/80-C0805C224J1RECAUT
C16, C19, C20, C21	4	47nF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C473J1RACTU?qs=qvGPspPivAoDuZ13uE02Q==
C22	1	10uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C106KBRACU?qs=iP0bYSAMAFqUyr6Ql6ZwXw==
C23	1	1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C105K5RACTU?qs=iP0bYSAMAFqUyr6Ql6ZwXw==
C24	1	220uF	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	Polarized capacitor, US symbol	https://www.mouser.com/ProductDetail/Panasonic/EC-E-A0JKA221?qs=qTewUj%2BgizQbeu7AvPLzZw==
J1, J2	2	Controller-Connector	Project_Connector_Dsub:DSUB-9_Male_Horizontal_PDI-09S-5-RG30	9-pin male plug pin D-SUB connector, Mounting Hole	https://www.questcomp.com/part/4/pdi-09s-5-rg30/433024203
J3	1	SIO-Header	Connector_PinSocket_2.54mm:PinSocket_1x11_P2.54mm_Vertical	Generic connector, single row, 01x11, script generated	https://www.mouser.com/ProductDetail/3M-Electronic-Solutions-Division/929850-01-11-RA?qs=neFkstNq%2B6Hc0zhMEXRDzQ==
J4	1	QTPY-RP2040	Package_DIP:DIP-14_W15.24mm	Generic connector, double row, 02x07	https://www.adafruit.com/product/4900
J5	1	AVD-Header	Connector_PinSocket_2.54mm:PinSocket_2x06_P2.54mm_Vertical	Generic connector, double row, 02x06	https://www.mouser.com/ProductDetail/3M-Electronic-Solutions-Division/929852-01-06-RA?qs=neFkstNq%2B6ESDxXzqEJ81w==
J6	1	AVA-Header	Connector_PinSocket_2.54mm:PinSocket_1x06_P2.54mm_Vertical	Generic connector, single row, 01x06, script generated	https://www.mouser.com/ProductDetail/3M-Electronic-Solutions-Division/929850-01-06-RA?qs=neFkstNq%2B6FIVDxcl2uoCg==
J7	1	AudioOut-Connector	Connector_Audio:Jack_3.5mm_CUI_SJ1-3533NG_Horizontal	Audio Jack, 3 Poles (Stereo / TRS)	https://www.mouser.com/ProductDetail/CUI-Devices/SJ1-3533NG?qs=WyljAZoYn53Glnky%2BNFGCA==
J8	1	VideoOut-Connector	Connector_MiniDIN:57492631	4-pin Mini-DIN connector	https://www.questcomp.com/part/4/5749263-1/63422316
J9	1	Power-Connector	Connector_BarrelJack:BarrelJack_CUI_PJ-063AH_Horizontal	DC Barrel Jack with a mounting pin	https://www.mouser.com/ProductDetail/CUI-Devices/PJ-063AH?qs=WyljAZoYn51bQfA53nMcVA==
R1, R2, R3	3	3K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F3001V?qs=iVTEdIH4A23rU%2BVL8oFPQ==
R4, R5	2	220R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F2200V?qs=iVTEdIH4A386ZSEvAM2A==
R6, R7, R8, R9	4	1.8K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1001V?qs=iVTEdIH4A386ZSEvAM2A==
R10, R11, R12, R13, R14	5	1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1001V?qs=ECfqV4X0oBP%2BH9YeKDUsA==
R15	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1002V?qs=Zy8A9hmJpSDn8Y2UUh3g==
RN1	1	3K	Package_SO:SOIC-16W_5.3x10.2mm_P1.27mm	8 resistor network, parallel topology	https://www.mouser.com/ProductDetail/Vishay-Dale/SOMC16033K30GEA?qs=OkkkBuLv5t14CKdul4rLrw==
RN2	1	10K	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	8 resistor network, parallel topology	https://www.mouser.com/ProductDetail/Vishay-Thin-Film/VSOR1603103GUF?qs=DmGvCT5YzpjEiFF6RkQ==
RN3	1	220R	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	8 resistor network, parallel topology	https://www.mouser.com/ProductDetail/Vishay-Thin-Film/VSOR1603221JTF?qs=DcrSfW0NuR3JoSfWdtpaJA==
RN4	1	100R	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	8 resistor network, parallel topology	https://www.mouser.com/ProductDetail/Vishay-Thin-Film/VSOR1603101JTF?qs=50fnta9rCjZYKMG5jbhA==
RN5	1	4.7K	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	8 resistor network, parallel topology	https://www.mouser.com/ProductDetail/Vishay-Thin-Film/VSOR1603472JTF?qs=50fnta9rBhKno35JcKYq==
U1	1	Sally	Package_DIP:DIP-40_W15.24mm_Socket		Atari Sally https://www.mouser.com/ProductDetail/Mill-Max/110-99-640-41-001000?qs=WZeyYeqMOWfGzITyXtFYQ==
U2	1	Antic	Package_DIP:DIP-40_W15.24mm_Socket		Atari Antic https://www.mouser.com/ProductDetail/Mill-Max/110-99-640-41-001000?qs=WZeyYeqMOWfGzITyXtFYQ==
U3	1	GTIA	Package_DIP:DIP-40_W15.24mm_Socket		Atari GTIA https://www.mouser.com/ProductDetail/Mill-Max/110-99-640-41-001000?qs=WZeyYeqMOWfGzITyXtFYQ==
U4	1	Pokey	Package_DIP:DIP-40_W15.24mm_Socket		Atari Pokey https://www.mouser.com/ProductDetail/Mill-Max/110-99-640-41-001000?qs=WZeyYeqMOWfGzITyXtFYQ==
U5	1	PIA	Package_DIP:DIP-40_W15.24mm_Socket		PIA https://www.mouser.com/ProductDetail/Mill-Max/110-99-640-41-001000?qs=WZeyYeqMOWfGzITyXtFYQ==
U6, U7	2	74AHCT1G125GV125	Package_TO_SOT_SMD:SOT-23-5_HandSoldering	Single Buffer Gate Tri-State, Low-Voltage CMOS	https://www.mouser.com/ProductDetail/Nexperia/74AHCT1G125GV125?qs=P62Uwblmb/M9whJE2OaNw==
U8	2	AMU/RMU	Package_DIP:DIP-24_W7.62mm_Socket		https://www.mouser.com/ProductDetail/556-AF22V10C7PX https://www.mouser.com/ProductDetail/Mill-Max/110-99-324-41-001000?qs=WZeyYeqMOWdM8xP27%2BcOq==
U10	1	AT27C256R	Package_DIP:DIP-28_W15.24mm_Socket	OTP EPROM 256 KiBit	https://www.mouser.com/ProductDetail/Microchip-Technology/Atmel/AT27C256R-45PU?qs=iURXKZrvyXfhwVd4JEFq7Q== https://www.mouser.com/ProductDetail/Mill-Max/110-99-628-41-001000?qs=WZeyYeqMOWdelw4OX9saZA==
U11	1	AS6C4008-55SIN	Package_SO:SSOP-32_11.305x20.495mm_P1.27mm	512K x 8 Low Power CMOS RAM, DIP-32	https://www.mouser.com/ProductDetail/Alliance-Memory/AS6C4008-55SIN?qs=E5c5%2Bmu3i38FNE2gq2LqMq==
U12	1	TXU0104	Package_SO:TSSOP-14_4.4x5mm_P0.65mm	4-Bit Bidirectional Voltage-Level Translator	https://www.mouser.com/ProductDetail/Texas-Instruments/TXU0104QPWRQ1?qs=QNEbnhJOKvboVsTxSngohg==
U13	1	TXU0204	Package_SO:TSSOP-14_4.4x5mm_P0.65mm	4-Bit Bidirectional Voltage-Level Translator	https://www.mouser.com/ProductDetail/Texas-Instruments/TXU0204QPWRQ1?qs=QNEbnhJOKvboVsTxSngohg==
U14	1	AP22814AW5	Package_TO_SOT_SMD:SOT-23-5	Current limited 3A power switch, single channel, SOT-23-5	https://www.mouser.com/ProductDetail/Diodes-Incorporated/AP22814AW5-7?qs=lqAt/VYw9I7Wkqkb62RqQ==
X1	1	3.579545 MHz	Oscillator:Oscillator_SMD_SeikoEpson_SG8002CA-4Pin_7.0x5.0mm	CMOS Clock Oscillator 1 to 125 MHz	https://www.mouser.com/ProductDetail/Epson-Timing/SG7050CCN-3.579545M-HJGA0?qs=4ASi3Yyao0WCSUxLeXC5nA==