

Ref	Qty	Value	Footprint	Description	Vendor
C1, C2, C3, C7, C8, C10, C11, C12	8	0.1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/80-C0805C104J1RECAUT
C4, C13	2	10uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C106K8RACTU?qs=iP0bYSAMAFqUyr6Ql6ZwXw==&countryCode=US&currencyCode=USD
C5, C6	2	3.3uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C335K4PACTU?qs=p39gqscUv00TD0KitDBNnA==
C9	1	100pF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor	https://www.mouser.com/ProductDetail/KEMET/C0805C101J5RACTU?qs=1CrpdQ4AkN/JNeoQfmjuPQ==
D1	1	BAT48JFILM	Diode_SMD:D_SOD-323_HandSoldering	40V 0.35A Small Signal Schottky Diode, SOD-323	https://www.mouser.com/ProductDetail/STMicroelectronics/BAT48JFILM?qs=Zi1jxtVU96ub22u%2BA2DiA==
J1	1	AVD-Header	Connector_PinHeader_2.54mm:PinHeader_2x06_P2.54mm_Vertical	Generic connector, double row, 02x06	https://www.mouser.com/ProductDetail/Amphenol-Commercial-Products/G800W590018EU?qs=f9yNj16SXrJ2IQ0qHgQ/g==
J2	1	AVA-Header	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical	Generic connector, single row, 01x06	https://www.mouser.com/ProductDetail/Amphenol-Commercial-Products/G800W302018EU?qs=f9yNj16SXrLA3jMaFoRIQg==
Q1	1	PZT2222A	Package_TO_SOT_SMD:SOT-223-3_TabPin2	1A Ic, 40V Vce, NPN Transistor, General Purpose Transistor, SOT-223	https://www.mouser.com/ProductDetail/onsemi/PZT2222AT1G?qs=xZq1yRCsb1df6552Y4NpWQ==
R1, R2	2	3K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P08F3001V?qs=iIVTEDlrHA23rU%2BVL8oFPQ==&countryCode=US&currencyCode=USD
R3, R4, R5, R6, R7, R8, R15	7	150R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06D1500V?qs=18kBAoNi3c%2BFXcCt8eyIyw==
R9, R10, R11, R16, R20, R21, R22	7	75R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06D75R0V?qs=18kBAoNi3c%2B6dPCNnYzSIQ==
R13	1	1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1001V?qs=ECfqV4X0oBP%2BH9YeKDUwsA==
R14	1	180R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1800V?qs=iIVTEDlrHA2EVhThhrzqlA==
R17	1	100K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1003V?qs=sWbzhZyXmMVdmF1QzbbgLKAA==
R18	1	470K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F4703V?qs=iIVTEDlrHA0mppp24nmUg==
R19	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor	https://www.mouser.com/ProductDetail/Panasonic/ERJ-P06F1002V?qs=ZyI8A9hlmJpSDn8Y2yUh3g==
RV1	1	10K	Potentiometer_SMD:Potentiometer_Bourns_3314G_Vertical	Trim-potentiometer	https://www.mouser.com/ProductDetail/Bourns/3314G-1-103E?qs=5DXzRwmrLHHE6mxfh4g4uw==
U1	1	MAX1683	Package_TO_SOT_SMD:SOT-23-5	Charge-pump voltage doubler	https://www.mouser.com/ProductDetail/Analog-Devices-Maxim-Integrated/MAX1683EUK+T?qs=Mqkh4jHMT8y6s4KDA7LkCA==
U2	1	CD74HCT367E	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	Hex Bus Driver 3-state outputs	https://www.mouser.com/ProductDetail/Texas-Instruments/CD74HCT367M96?qs=xFlolx0DHx3dFn/ua36eJg==
U3	1	FMS6400	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	Dual Channel Video Driver with Integrated Filters and Composite Video Summer	https://www.ebay.co.uk/itm/171512497884