

Column=Description	Column=Quantity	Column=Designator	Column=Footprint	Column=Manufacturer Part No.	Column=Manufacturer Name
Resistor 0 Ohm 100mW 1% 0603	18	R1, R3, R4, R5, R6, R7, R8, R9, R51, R52, R55, R56, R59, R60, R63, R64, R67, R68	0603	ERJ-3GEY0R00V	Panasonic Electronic Components
Resistor 22 ohm 63mW 5% 0603	22	R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40	0603	CRCW060322R0JNEA	Vishay/Vitramon
Resistor 37.4 ohm 100mW 1% 0603	11	R23, R49, R50, R53, R54, R57, R58, R61, R62, R65, R66	0603	ERJ-3EKF37R4V	Panasonic Electronic Components
Resistor 1 Kohm 63mW 5% 0603	2	R10, R29	0603	301-1.0K-RC	Xicon
Resistor 1.69K-Ohm 63mW 5% 0603	1	R44	0603	302-1.69K-RC	Xicon
Resistor 4.7K-Ohm 63mW 5% 0603	3	R42, R43, R45	0603	301-4.7K-RC	Xicon
Resistor 10K-Ohm 63mW 5% 0603	5	R2, R22, R25, R28, R41	0603	301-10K-RC	Xicon
Resistor 100K-Ohm 100mW 1% 0603	1	R47	0603	302-100K-RC	Xicon
Resistor 1M-Ohm 63mW 5% 0603	3	R24, R27, R46	0603	301-1.0M-RC	Xicon
Capacitor Ceramic X7R 22pF 16V 10% 0603	2	C21, C22	0603	VJ0603A220KXJPW1B C	Vishay/Vitramon
Capacitor Ceramic X7R 47pF 16V 10% 0603	2	C43, C44	0603	VJ0603A470KXJCW1B C	Vishay/Vitramon
Capacitor Ceramic X7R 0.01uF 16V 10% 0402	14	C13, C15, C17, C29, C31, C33, C36, C37, C40, C46, C53, C54, C55, C56	0402	VJ0402Y103KXXAC	Vishay/Vitramon
Capacitor Ceramic X7R 0.082uF 16V 10% 0603	1	C45	0603	VJ0603Y823KXJPW1B C	Vishay/Vitramon
Capacitor Ceramic X7R 0.1uF 16V 10% 0402	25	C1, C2, C5, C6, C7, C8, C12, C14, C16, C18, C20, C23, C30, C32, C34, C35, C38, C39, C41, C42, C48, C49, C50, C51, C52	0402	VJ0402V104ZXQPBC	Vishay/Vitramon
Capacitor Ceramic X7R 1uF 16V 10% 0603	5	C3, C9, C11, C19, C25	0603	C1608X7R1C105K	TDK
Capacitor TA 4.7uF 10V 20% 1206(3216 metric)	3	C27, C28, C47	1206	T491A475M010AT	Kemet
Capacitor Ceramic TA 10uF 10V 20% 1206(3216 metric)	2	C10, C26	1206	T491A106K010AT728 0	Kemet
Ferrite bead, 300R@100MHz 500mA EMI FILTER	3	L1, L2, L3	0603	TDK-MMZ1608R301A	TDK
P-channel MOSFET, Si2305CDS-T1-GE3	1	T1	SOT23-3	ZXM61P02FTA	Diode Inc
TI 74AVC16244 16 Line/Buffer IC 48Pin SOP	1	IC1	48 TSSOP	SN74AVC16244DGGR	TI

REGULATOR LDO ON-SEMICONDUCTOR NCP700B TSPO-5	2	IC2, IC5	TSOP-5	NCP700BSN18T1G	ON Semiconductor
IC MAXIM MAX9526 NTSC/PAL Video Decoder 28Pin QSOP	1	IC3	28 QSOP	MAX9526AEI+	Maxim Integrated
Analog Device ADV7180 10Bit SDTV Video Decoder 48Pin LQFP	1	IC6	48 pin LQFP / ST-48	ADV7180BST48Z	Analog Devices
IC MAX4586 4-Channel Audio/Video Multiplexers 10pin uMAX	1	IC4	10 u-MAX	MAX4586EUB+	Maxim Integrated
LED Green SMD 20mA	2	LED1,LED2	0603	HSMG-C190	Avago Technologies
Quartz 27.0 MHz SMD	1	OSC1	SMD	AB-27.000MAGE-T	TXC
Quartz 28.63636 MHz SMD	1	OSC2	SMD	ABM3B-28.63636MHZ-10-1-U-T	ABRACON
Jumper, Header male, 1X3-Pin, 2.54mm (0.1") pitch	2	JP1, JP2	0.1" , Single Row	22-10-2031	Molex or Any equivalent
Header male, 1x2 Pins, 2.54 mm (0.1") pitch	5	JP3, JP4, JP5, JP6, JP7	0.1" , Single Row	22-10-2021	Samtec or Any equivalent
Header male, 2x12 Pins, 2.54 mm (0.1") pitch	1	X1	0.1" , Double Row	10-89-4242	Molex or Any equivalent
RCA Phono Connector	5	X2, X3, X4, X5, X6	2 pin, Throught Hole	806-KLPX-0848A-2-W	Kycon