

Part Number	Description	Manufacturer	Manufacturer Part Number	Component Designators	Component Count
C-X7R-100n-16V-10%-0603	Capacitor Ceramic X7R 100nF 16V 10% 0603	Generic	X7R-100nF-16V-10%-0603	C1, C2, C3, C5, C8, C20, C22, C24, C26, C28, C30, C45, C46, C47, C48	15
C-X5R-22u-25V-20%-1210	Capacitor Ceramic X5R 22uF 25V 20% 1210	Generic	X5R-22uF-25V-20%-1210	C13, C16, C19	3
C-X7R-10n-25V-10%-0603	Capacitor Ceramic X7R 10nF 25V 10% 0603	Generic	X7R-10n-25V-10%-0603	C21, C23, C25, C27, C29	5
C-NP0-47p-50V-10%-0603	Capacitor Ceramic NP0 47pF 50V 10% 0603	Generic	NP0-47pF-50V-10%-0603	C31, C32	2
C-X5R-1u-16V-20%-0603	Capacitor Ceramic X5R 1uF 16V 20% 0603	Generic	X5R-1uF-16V-20%-0603	C4, C7, C11, C12, C14, C15, C17, C18	8
C-TA-100uF-10V-20%-3528	Capacitor TA 100uF 10V 20% 3528	Generic	TA-100uF-10V-20%-3528	C6, C10	2
CON-Samtec-TSW-101-07-G-D	Header male, 1x2 Pins, 2.54 mm pitch	JVE	21B1264-02S10	JP1, JP2	2
CON-FCI-68021-224HLF	Right Angled Header Pins, 2X12, 2.54mm Pitch	FCI	68021-224HLF	X1	1
CON-Kycon-KLPX-0848A-2-B	RCA Phono Connector, Through Hole	Kycon	KLPX-0848A-2-B	X2, X3, X4, X5	4
OSC-28.63636MHz	Quartz 28.63636 MHz SMD	Abracon	ABM3B-28.63636MHZ-10-1-U-T	OSC1	1
D-Semtech-UCLAMP1211T	TVS Diode, Low Capacitance (3pF)	Semtech	UCLAMP1211T	D1, D2, D3, D4	4
IC-DiodesInc-AP2125N-1.8TRG1	LDO Vout 1.8V 200mA SOT23-3	Diodes	AP2125N-1.8TRG1	IC1, IC2, IC3	3
IC-AnalogDevices-ADV7280BCPZ	NTSC/PAL video decoder with deinterlace	Analog Devices	ADV7280BCPZ	IC4	1
L-220R@100MHz-2A-25%-0603	220R@100MHz 2A EMI FILTER	Generic	220R@100MHz-2A-25%-0603	L1, L2, L3, L4	4
		TDK	MPZ1608S221A		
LED-Avago-HSMG-C190-GREEN-0603	Surface mount LED green 20mA	Avago	HSMG-C190	LED1	1
MECH-IDC-Cable-1:1-24Pin-100mm-2.54mm	IDC socket cable 1:1 12X2 (24 Pins) 2.54 pitch 100mm length	Generic	IDC socket cable Pin1:1 12X2 (24 Pins) 2.54mm pitch 100mm length	CBL1	1
PCB Analogue Camera Adapter	PCB	Generic	Analogue Camera Adapter V2.0.001	PCB1	1
R-4.7kR-63mW-5%-0603	Resistor 4.7 Kohm 63mW 5% 0603	Generic	4.7k-63mW-5%-0603	R1, R2, R17, R18, R20, R34	6
R-51R-63mW-1%-0603	Resistor 51 ohm 63mW 1% 0603	Generic	51R-63mW-1%-0603	R10, R12, R14, R16	4
R-1M-63mW-5%-0603	Resistor 1Mohm 63mW 5% 0603	Generic	1M-63mW-5%-0603	R21	1
R-22R-63mW-5%-0603	Resistor 22 ohm 63mW 5% 0603	Generic	22R-63mW-5%-0603	R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33	12
R-0R-63mW-1%-0603	Resistor 0 ohm 63mW 1% 0603	Generic	0R-63mW-1%-0603	R3, R35	2
R-100K-63mW-5%-0603	Resistor 100 Kohm 63mW 5% 0603	Generic	100KR-63mW-5%-0603	R4	1
R-22K-63mW-1%-0603	Resistor 22 K-ohm 63mW 1% 0603	Generic	22K-63mW-1%-0603	R5	1
R-1K-63mW-5%-0603	Resistor 1 Kohm 63mW 5% 0603	Generic	1K-63mW-5%-0603	R6	1
R-470R-63mW-5%-0603	Resistor 470 ohm 63mW 5% 0603	Generic	470R-63mW-5%-0603	R8	1
R-24R-63mW-1%-0603	Resistor 24 ohm 63mW 1% 0603	Generic	24R-63mW-1%-0603	R9, R11, R13, R15	4
SW-TactSwitch-6.2x6.5mm	Switch	Chi Fung	TS-06M-CHM-P-T/R	SW1	1
T-Vishay-SI1869DH-NP	NP-Channel 20V (D-S) MOSFET	Vishay	SI1869DH-T1-E3	T1	1