

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, C14, C15	4
C-X5R-1u-16V-20%-0603	Capacitor Ceramic X5R 1uF 16V 20% 0603	Generic	X5R-1uF-16V-20%-0603	C3, C4	2
C-X5R-4.7u-16V-20%-1206	Capacitor Ceramic X5R 4.7uF 16V 20% 1206	Generic	X5R-4.7uF-16V-20%-1206	C5	1
C-X5R-4.7u-50V-20%-1206	Capacitor Ceramic X5R 4.7uF 50V 20% 1206	Generic	X5R-4.7uF-50V-20%-1206	C6	1
C-X7R-220n-10V-10%-0603	Capacitor Ceramic X7R 220nF 10V 10% 0603	Generic	X7R-220n-10V-10%-0603	C7	1
C-X7R-10n-25V-10%-0603	Capacitor Ceramic X7R 10nF 25V 10% 0603	Generic	X7R-10n-25V-10%-0603	C9, C10, C11, C12, C13	5
CON-STE-20455-040E-12-40pin-0.5mm	LVDS Connector, SMD	TE Connectivity (Tyco)	A101505CT-ND	X1	1
CON-Molex-52745-0697-6pin-0.5mm	Connector, SMD, 6 Pin, Top Contact, 0.5mm Pitch	Molex	52745-0697	X2	1
CON-Omron-XF2M-4015-1A-40-0.5mm	RGB Connector	Omron	XF2M-4015-1A	X3, X6	2
CON-Header-2x5-Male-2.54mm	Header Male, 2x5 Pins, 2.54mm pitch	JVE	21B22564-10S10-01G-6/3	X4	1
CON-JST-SM02B-BHSS-1-TB	Connector Header, SMD, 2 Pin, 3.5 mm pitch	JST Sales America Inc	SM02B-BHSS-1-TB	X5	1
CON-Molex-52746-0671-6pin-0.5mm	Connector, SMD, 6 Pin, Bottom Contact, 0.5mm Pitch	Molex	52746-0671	X7	1
D-Panasonic-DB2460500L-Schottky	Schottky Diode 60V 1A	Panasonic	DB2460500L	D1	1
IC-NS-DS90C363BMT	LVDS Converter	Texas Instruments	DS90C363BMT	IC2	1
IC-TI-PCA9306DCTT	Dual Bidirectional I2C and SMBus Voltage-Level Translator	Texas Instruments	PCA9306DCTT	IC3	1
IC-NXP-74AUP1G08-SOT-23-5	Logic AND Gate, 2-Input	NXP	74AUP1G08GW,125	IC4	1
L-TDK-MLZ2012N100L-10uH-500mA-20%-0805	Inductance 10uH 500mA 20% 0805	TDK	MLZ2012N100L	L1	1
L-220R@100MHz-2A-25%-0603	220R@100MHz 2A EMI FILTER	Generic TDK	220R@100MHz-2A-25% MPZ1608S221A	L2, L3, L4, L5	4
IC-TI-TPS61165-SOT23	Led Driver	Texas Instruments	TPS61165DBVR	IC1	1
MECH-Nut-Plastic-M3x4mm	Screw Nut Hexagonal, M3x4mm spacer	Generic	Nut-Plastic-M3x4mm	NUT1, NUT2, NUT3, NUT4	4
MECH-Screw-Plastic-M3x4mm	Screw, M3x4mm	Generic	Screw-Plastic-M3x4mm	SCREW1, SCREW2, SCREW3, SCREW4	4
PCB Capacitive Multi-Touch Adapter	PCB for Capacitive Multi-Touch Adapter	Generic	PCB Capacitive Multi-Touch Adapter V1.1.001	PCB1	1
R-0R-63mW-1%-0603	Resistor 0 ohm 63mW 1% 0603	Generic Panasonic / Panasonic ECG	0R-63mW-1%-0603 ERJ-3GEY0R00V	R1, R2, R12, R14, R15, R26, R27	7
R-100K-63mW-5%-0603	Resistor 100 Kohm 63mW 5% 0603	Generic	100KR-63mW-5%-0603	R16, R17, R18, R23	4
R-750R-63mW-1%-0603	Resistor 750 ohm 63mW 1% 0603	Generic	750R-63mW-1%-0603	R19	1
R-1.5K-63mW-5%-0603	Resistor 1.5 Kohm 63mW 5% 0603	Generic	1.5K-63mW-5%-0603	R20	1
R-4.7KR-63mW-5%-0603	Resistor 4.7 Kohm 63mW 5% 0603	Generic	4.7k-63mW-5%-0603	R21, R22	2
R-1.8KR-63mW-5%-0603	Resistor 1.8 Kohm 63mW 5% 0603	Generic	1.8K-63mW-5%-0603	R24, R25	2
R-22K-63mW-1%-0603	Resistor 22 K-ohm 63mW 1% 0603	Generic	22K-63mW-1%-0603	R3	1
R-1R24-63mW-1%-0603	Resistor 1.24 Ohm 63mW 1% 0603	Generic	1R24-63mW-1%-0603	R31	1
R-1K-63mW-5%-0603	Resistor 1 Kohm 63mW 5% 0603	Generic	1K-63mW-5%-0603	R4, R6, R13	3
R-10K-63mW-5%-0603	Resistor 10 Kohm 63mW 5% 0603	Generic	10K-63mW-5%-0603	R5, R28	2
R-0R-63mW-1%-1206	Resistor 0 ohm 63mW 1% 1206	Generic	0R-63mW-1%-1206	R7, R8	2
T-Vishay-SI1869DH-NP	NP-Channel 20V (D-S) MOSFET	Vishay	SI1869DH-T1-E3	T1, T2	2
FET-N-CHANNEL-DUAL-SOT563	2x N-Channel MOSFET 20V	Diodes Inc. ON Semi Vishay	DMG1024UV-7 NTZD3154NT1G SI1024X-T1-E3	T3	1
Testpin	Testpin TH	Keystone	5011	TP5, TP7, TP8	1
Not Assembled					
Header pin, SMD, Male,1X10 pin, 1.27mm Pitch,		Generic	No Physical Component	X9	1
Header pin, TH, Male,1X10 pin, 1.27mm Pitch		Generic	No Physical Component	X8	1