

Apalis iMX6 Mezzanine BOM
Toradex

Part Number	Description	Type	Manufacturer	Manufacturer Part Number	Component Designators	Component Count
C-X5R-1u-16V-20%-0603	Capacitor Ceramic X5R 1uF 16V 20% 0603	Generic		X5R-1uF-16V-20%-0603	C1, C2, C3, C6	4
C-X7R-100n-50V-20%-0603	Capacitor Ceramic X7R 100nF 50V 20% 0603	Generic		X7R-100n-50V-20%-0603	C4, C5	2
CON-Header-1x3-Male-2.54mm	Jumper, 3-Pin	JVE Tyco		21B1264-03S10-01G-6/3 826936-3	JP1, JP2	2
TP-Keystone-5011	Testpin TH	Keystone		5011	TP5, TP6	2
CON-Samtec-QTH-060-02-L-D-A	Mezzanine Connector	Samtec		QTH-060-02-L-D-A	X1	1
CON-Tyco-1-1734248-5	FFC Connector, Vertical, 15 Contact, 1mm Pitch	TE Connectivity (Tyco Electronics)		1-1734248-5	X2	1
CON-Amphenol-UE27AE54100	USB Type A Connector Vertical Top Insert	Amphenol / Amphenol Commercial Products		UE27AE54100	X3	1
CON-Molex-85508-5001	RJ45 Connector, 8 pin, Top Insert	Molex		85508-5001	X4, X5	2
CON-Sullins-PPPC202LFBN-RC-2X20-2.54mm	Female Header, 40 Pins (2X20), Pitch 2.54mm	Sullins		PPPC202LFBN-RC	X6	1
D-TI-TPD2EUSB30DRTR	Uni-Directional ESD Protection Diode, 2-Channels	Texas Instruments		TPD2EUSB30DRTR	D1	1
L-33R@100MHz-2A-0805	EMI Filter, Ferrite bead, 33R@100MHz, 2A	Taiyo Yuden		BKP2125HS330-T	L1	1
L-Murata-DLW21SN900SQ2-90R@100MHz-330mA-25%	Common Mode Choke High Speed 90R 330mA	Murata		DLW21SN900SQ2L	L2	1
MECH-Shunt-Jumper-Black-2.54mm	Shunt Jumper	JVE		S1002-OPS60-01G	JMP1, JMP2	2
Apalis iMX6 Mezzanine	PCB	Generic		PCB Apalis iMX6 Mezzanine V1.0.001	PCB1	1
R-0R-63mW-1%-0603	Resistor 0 ohm 63mW 1% 0603	Generic Panasonic / Panasonic ECG		0R-63mW-1%-0603 ERJ-3GEY0R00V	R1, R5	2
R-100R-63mW-1%-0603	Resistor 100 ohm 63mW 1% 0603	Multicomp Multicomp		MC0.063W06031%100R MC 0.063W 0603 1% 100R	R2	1
R-1KR-63mW-5%-0603	Resistor 1 Kohm 63mW 5% 0603	Generic		1K-63mW-5%-0603	R3	1
R-0R-63mW-1%-1206	Resistor 0 ohm 63mW 1% 1206	Generic		0R-63mW-1%-1206	R4	1
SW-TactSwitch-6.2x6.5mm	Switch	Chi Fung Wealth Metal		TS-06M-CHM-P-T/R TD-03XG	SW1, SW2	2