

Part Number	Description	Manufacturer	Manufacturer Part Number	Component Designators	Component Count
C-X7R-100nF-50V-20%-0603	Capacitor Ceramic X7R 100nF 50V 20% 0603	Generic	X7R-100nF-50V-20%-0603	C1, C2, C3, C4, C5, C7, C8, C13, C14, C16, C17, C19, C20, C21	14
C-X5R-1uF-16V-20%-0603	Capacitor Ceramic X5R 1uF 16V 20% 0603	Generic	X5R-1uF-16V-20%-0603	C6, C9, C11, C12	4
C-X7R-4.7nF-16V-10%-0603	Capacitor Ceramic X7R 4.7nF 16V 10% 0603	Generic	X7R-4.7nF-16V-10%-0603	C15	1
C-X5R-4.7uF-10V-20%-0805	Capacitor Ceramic X5R 4.7uF 10V 20% 0805	Generic	X5R-4.7uF-10V-20%-0805	C18, C22	2
C-X7R-1nF-2KV-10%-1206	Capacitor Ceramic X7R 1nF 2kV 10% 1206	Generic	X7R-1nF-2KV-10%-1206	C24	1
IC-TI-ISO7731DWR	Digital Isolator	Texas Instruments	ISO7731DWR	IC1	1
IC-MC-MCP2558FD	CAN FD Transceiver with Silent Mode	Microchip	MCP2558FD	IC2	1
IC-RECO-R1SX-0505-R	Isolated DC/DC Converter	Recom	R1SX-0505-R	IC3	1
CON-Tyco-826936-3-1X3-2.54mm-JP	Jumper, 3-Pin	Tyco	826936-3	JP1, JP2, JP3, JP4, JP11, JP13	6
CON-Samtec-TSW-101-07-G-D	Header male, 1x2 Pins, 2.54 mm pitch	FCD JVE Molex Molex Samtec	68000-202HLF 21B1264-02S10 90120-1082 901200122 TSW-101-07-G-D	JP5, JP6, JP7, JP8, JP9, JP10, JP12, JP14	8
L-220R@100MHz-2A-25%-0603	220R@100MHz 2A EMI FILTER	Generic	220R@100MHz-2A-25%-0603	L1, L2, L3	3
Label: "Apalis iMX8 Mezzanine V1.0A"	Barcode Label	Generic	Barcode Label	LBL1	1
LED-Osram-T670-K1L2-1	LED green Osram LG T670-K1L2-1	Osram	LG T670-K1L2-1	LED1	1
LED-Osram-LS T670-K1L2-1	LED red, Osram LS T670-K1L2-1	Osram	LS T670-K1L2-1	LED2	1
PCB-Apalis_iMX8_Mezzanine	PCB Apalis iMX8 Mezzanine V1.0	Generic	Apalis iMX8 Mezzanine V1.0.001	PCB1	1
R-100KR-63mW-5%-0603	Resistor 100 Kohm 63mW 5% 0603	Generic	100KR-63mW-5%-0603	R1, R2	2
R-0R-63mW-1%-0603	Resistor 0 ohm 63mW 1% 0603	Generic Multicomp Panasonic/Panasonic ECG	0R-63mW-1%-0603 MC0.063W06030R ERJ-3GEY0R00V	R3, R5, R8, R12, R13, R15, R17, R18, R21, R25, R27, R30, R37, R41, R43, R48, R50, R53, R60, R61, R63, R69, R73, R75, R78, R79, R82, R83, R85, R88, R90	31
R-1.8KR-63mW-5%-0603	Resistor 1.8 Kohm 63mW 5% 0603	Generic	1.8KR-63mW-5%-0603	R9, R10, R35, R36	4
R-150R-63mW-5%-0603	Resistor 150 ohm 63mW 5% 0603	Generic	150R-63mW-5%-0603	R34, R46	2
R-56R-63mW-5%-0603	Resistor 56 ohm 63mW 5% 0603	Generic	56R-63mW-5%-0603	R65, R66	2
R-100R-63mW-5%-0603	Resistor 100 ohm 63mW 5% 0603	Generic	100R-63mW-5%-0603	R89	1
R-1MR-63mW-5%-0603	Resistor 1 Mohm 63mW 5% 0603	Generic	1MR-63mW-5%-0603	R91	1
R-1KR-63mW-5%-0603	Resistor 1 Kohm 63mW 5% 0603	Generic	1KR-63mW-5%-0603	R92	1
MECH-Shunt-Jumper-Black-2.54mm	Shunt Jumper	JVE Assmann	S1002-OPS60-01G AKSPT/G-BLACK	SJP1, SJP2, SJP3, SJP4, SJP5, SJP6, SJP7, SJP8, SJP9, SJP10	10
SW-WMF-TD-03XB	Push Button	WMF	TD-03XB-Z-TR	SW1, SW2	2
TP-Keystone-5011	Testpin Eye TH	Keystone	5011	TP1, TP8	2
CON-Hirose-DF13A-40DP-1.25v(55)-2x20-1.25mm	LVDS Connector	Hirose	DF13A-40DP-1.25v(55)	X1	1
CON-Samtec-TSW-105-07-G-D	Header Male, 2x5 Pins, 2.54mm pitch	Samtec	TSW-105-07-G-D	X3	1
CON-Hirose-FH12-24S-0.5SV(55)-0.5mm	0.50mm Pitch FFC/FPC Vertical DVI Connector	Hirose	FH12-24S-0.5SV(55)	X4, X6, X8	3
CON-Samtec-SSW-102-01-G-S	Receptacle Female Socket, 1x2 Pins, 2.54mm pitch	Samtec	SSW-102-01-G-S	X5	1
CON-TECon-2301826-2	9 pin male D-SUB connector	TE Connectivity EDAC Amphenol ICC Amphenol ICC Harting Harting NorComp NorComp Omron Electronics	2301826-2 627-009-220-047 L717SDEH09POL2RM8C309 L717SDEH09POL2RM8 09651616713 09651617713 172-009-112R911 172-E09-113R911 XM2E-0940-132L	X7	1
CON-Samtec-QTH-060-02-L-D-A	High Speed Ground Plane Socket	Samtec	QTH-060-02-L-D-A	X9	1
Not Assembled		Generic	No Physical Component	C10, C23, OSC1, OSC2, R4, R6, R7, R11, R14, R16, R19, R20, R22, R23, R24, R26, R28, R29, R31, R32, R33, R38, R39, R40, R42, R44, R45, R47, R49, R51, R52, R54, R55, R56, R57, R58, R59, R62, R64, R67, R68, R70, R71, R72, R74, R76, R77, R80, R81, R84, R86, R87, SJP11, SJP12, X2	55