



Logic Product Development
PN: 1004770 Rev B

Bill of Materials

Product	Pages
ColdFire Development Kit Mini-ITX Baseboard (RoHS)	1 - 3



BOM REPORT

Part Number 1004770

Part Description ASSEMBLY, MINI-ITX BASEBOARD, (RoHS)

Part Revision B

Part Number	Revision	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1004770	B			ASSEMBLY, PCB, MINI ITX APPLICATION BOARD, (ROHS)		
1000023	C	0		SCHEMATICS, MINI ITX APPLICATION BOARD		
1001329	A	18	C1, C3, C5, C6, C8, C10, C13, C14, C19, C20, C22, C57, C59, C66, C68, C83-C85	CAP, CERAMIC, 10000PF, 16V, 0402	Panasonic	ECJ-0EB1C103K
1001332	B	2	C25, C58	CAP, TANTALUM, 22UF, 10V, 3528	Panasonic	ECS-T1AX226R
1001333	A	1	Y1	CRYSTAL, 32.768KHZ, 20PPM, IND TEMP, SMT	Fox	FSX327LF
1001336	B	3	R17-R19	RESISTOR, 10K OHM, 1/16W, 5%, 0402	Dale	CRCW0402103JT
1001337	A	2	R51, R52	RESISTOR, 1.0K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ102X
1001368	A	11	R81-R91	RESISTOR, 0 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GE0R00X
1001372	A	1	R98	RESISTOR, 100K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ104X
1002329	A	1	D4	DIODE, SCHOTTKY, 30V, 3A, SMC	On Semiconductor	MBRS330T3G
1002399	A	1	L1	INDUCTOR, 4.7UH, 4.8A, SMT	Coilcraft	DO3316P-472ML
1002400	A	2	FB1, FB2	FERRITE, 60OHMS @ 100MHZ, 400MA, 3225	Central Technologies	CTCB1210-600SF
1002429	A	9	R57-R65	RESISTOR, 4.75K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF4751X
1002431	A	19	R1-R16, R48, R99, R103	RESISTOR, 15K OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1502JLHF3
1002434	A	4	D5, D6, D9, D10	DIODE, ARRAY TVS, LOW CAPACITANCE	SEMTECH	SRV05-4.TCT
1002435	A	16	R20-R31, R53-R56	RESISTOR, 49.9 OHM, 1/16W, .5%, 0402	Susumu	RR0510R-49R9-D
1002463	A	1	C27	CAP, CERAMIC, 1500PF, 50V, X7R, 0603	Panasonic	ECJ-1VB1H152K (ROHS)
1002464	B	17	C45-C54, C61-C65, C67, C75	CAP, CERAMIC, 0.1UF, 25V, X7R, 0603	Panasonic	ECJ-1VB1E104K
1002465	B	2	C11, C12	CAP, CERAMIC, 12PF, 50V, NPO, 0603	Panasonic	ECJ-1VC1H120J
1002466	A	6	C69-C74	CAP, CERAMIC, 8.2PF, 50V, NPO, 0402	Yageo America	0402CG829D9B200 (ROHS)
1002467	A	1	C24	CAP, CERAMIC, 0.68UF, 16V, X5R, 0805	Panasonic	ECJ-2FB1C684K (ROHS)



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1002485	A	1	C26	CAP, TANTALUM, 100UF, 16V, 7343	Kemet	T491X107M016AT (ROHS)
1002487	A	1	J11	CONNECTOR, BARREL JACK, 2.5MM, PWRJACK	Switchcraft	RAPC712X
1002489	A	4	J22-J25	CONNECTOR, HEADER, MALE, 0.100IN, 3PIN, 1X3	Samtec	TSW-103-23-T-S
1002492	A	1	J13	CONNECTOR, HEADER, MALE, 0.100IN, 5PIN, 1X5	Samtec	TSW-105-23-T-S
1002493	A	2	J14, J17	CONNECTOR, HEADER, MALE, 0.100IN, 6PIN, 2X3	Samtec	TSW-103-23-T-D (ROHS)
1002494	A	2	J15, J16	CONNECTOR, PCI CARD EDGE, 0.050IN, 120PIN	Molex	89177-6030
1002498	A	1	J10	CONNECTOR, ATX, 20PIN VT, 2X10	Molex	39-28-1203
1002499	A	2	U4, U15	TRANSFORMER, 10/100 BASE - T SINGLE PORT, SURFACE MOUNT	PULSE ENG	H1102NL
1002500	A	1	X1	BATTERY HOLDER, 20MM COIN CELL, SMT	Keystone	3002 (ROHS)
1002501	A	3	U10-U12	IC, DRIVER, MULTICHANNEL RS-232 LINE DRIVER/RECEIVER	Texas Instruments	MAX3232CPW
1002502	A	1	U3	IC, CLOCKS, PLLS, I2C BUS SERIAL INTERFACE REAL-TIME CLOCK W/VOLTAGE MONITORING FUNC	Ricoh	RV5C387AF
1002503	A	2	U13, U14	IC, TRANSCEIVER, CAN, 3.3V, 8-SOIC	Texas Instruments	SN65HVD232D
1002504	A	3	R45-R47	RESISTOR, 75 OHM, 1/16W, 5%, 0402	Susumu Co Ltd	RR0510R-750-D
1002505	A	1	R32	RESISTOR, 47 OHM, 1/4W, 1%, 1206	Yageo America	9C12063A47R0FKHFT (ROHS)
1002506	A	5	R66-R68, R92, R105	RESISTOR, 56 OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ560V
1002507	B	2	R49, R50	RESISTOR, 120 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ121X
1002508	A	1	D3	DIODE, SCHOTTKY, 40V, 3A, SMC	ON SEMICONDUCTOR	MBRS340T3G
1002510	A	2	D1, D2	DIODE, SCHOTTKY, 30V, 200MA, SOT-23	ZETEX	UBAT54
1002511	A	1	Q1	MOSFET, P-CH, -20V, -6.7A, SO-8	INTERNATIONAL RECTIFIER	IRF7404PBF
1002513	A	1	U5	LED, INFRARED XCVR, RA, U OPT, SMT	VISHAY	TFDU6102 (ROHS)
1002514	A	3	S1-S3	SWITCH, TACT, SPST, SM	ITT Cannon	KSC421GB (RoHS)
1002515	A	1	J3	CONNECTOR, DB-15, FEMALE	Kycon	K66X-E15S-N
1002546	A	2	P3, P4	CONNECTOR, USB HOST DUAL, RJ-45	Amp	6116151-2



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1002547	A	1	U7	IC, POWER REG, 4.5A, STP DN SWITCHING, SO-8	LINEAR TECH	LT1506IS8-3.3#PBF
1002548	A	2	U1, U2	IC, SWITCH, DUAL USB POWER SWITCH	Micrel	MIC2076-2YM
1002549	A	4	D11-D14	LED, GREEN, CLEAR, 0805	LITE-ON	LTST-C170GKT
1002609	A	1	J19	CONNECTOR, HEADER, MALE, 1.25MM, 40PIN, 2X20	Hirose	DF13A-40DP-1.25V(56)
1002697	A	4	J6-J9	CONNECTOR, HEADER, FEMALE, 0.6MM, 100PIN, 2X50	Hirose	FX8-100S-SV(93)
1003030	A	4	FB18-FB21	FERRITE BEAD, 100OHM @ 100 MHZ, 3A, 1206	Steward	HI1206N101R-10
1003031	A	3	FB12-FB14	FERRITE BEAD, 80 OHM, 200MA, 0603	Steward	LI0603G800R-10
1003161	B	15	C2, C4, C7, C9, C21, C23, C60, C77, C78, C80, C81, C86-C89	CAP, ELECTROLYTIC, 22UF, 10V, B CASE	Panasonic	EEE-FK1A220R
1003741	A	1	J26	CONNECTOR, HEADER, MALE, 0.100IN, 14PIN	Sullins	PTC07DAAN (RoHS)
1004031	A	2	C76, C79	CAP, ELECTROLYTIC, 47UF, 35V, E CASE	Panasonic	EEE-1VA470P
1004771	B	2	P1, P2	CONNECTOR, DB-9/DB-9, MALE-MALE	NORCOMP INC.	178-009-613R571
1004910	A	1	PCB1	PCB, MINI ITX APPLICATION BOARD		
1005075	A	0		ASSEMBLY DRAWING, MINI ITX APPLICATION BOARD		
1000201	A	0		LABEL, PART NUMBER, REVISION, SERIAL NUMBER, BAR CODE		
1002745	A	4	F1-F4	FEET, BUMPON, RBS-2, 11.1 X 5.1 MM DOME	Richco	RBS-2 (ROHS)