



**Logic Product Development**  
PN: 1003987 Rev D

# Bill of Materials

BOM	Pgs
Zoom ColdFire SDK Application Baseboard (RoHS)	1 - 4



## BOM REPORT

**Part Number** 1003987

**Part Description** ASSEMBLY, PCB, SDK-DRG-10 APPLICATION BOARD (ROHS)

**Part Revision** D

Part Number	Item Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1003987	D			ASSEMBLY, PCB, SDK-DRG-10 APPLICATION BOARD (ROHS)		
1001327	B	19	C4, C8, C14-C23, C25, C28, C30, C31, C35, C37, C41	CAP, CERAMIC, 0.1UF, 16V, X7R, 0603	AVX	0603YC104KAT2A
1001329	A	1	C68	CAP, CERAMIC, 10000PF, 16V, 0402	Panasonic	ECJ-0EB1C103K
1001332	B	4	C24, C29, C40, C42	CAP, TANTALUM, 22UF, 10V, 3528	Panasonic	ECS-T1AX226R
1001336	B	6	R61, R64, R68, R69, R81, R83	RESISTOR, 10K OHM, 1/16W, 5%, 0402	Dale	CRCW0402103JT
1001337	A	1	R55	RESISTOR, 1.0K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ102X
1001368	A	3	R11, R48, R49	RESISTOR, 0 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GE0R00X
1001660	7	0		SCHEMATIC, MCF5329 SDK-DRG-10 APPLICATION BOARD		
1001886	A	2	J1A, J1B	CONNECTOR, RECEPTACLE, 0.5MM, 80PIN, W/POSTS, W/FITTINGS, 2X40	Hirose	DF12(3.0)-80DS-0.5V(86)
1001893	A	1	J1C	CONNECTOR, SODIMM, 144PIN 3.7MM HIGH	Amp	390112-1
1002403	A	4	J6, J8-J10	CONNECTOR, HEADER, MALE, 0.100IN, 6PIN, 2X3	Sullins	PTC03DAAN
1002431	A	2	R70, R71	RESISTOR, 15K OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1502JLHF3
1002464	B	1	C67	CAP, CERAMIC, 0.1UF, 25V, X7R, 0603	Panasonic	ECJ-1VB1E104K
1002487	A	1	J12	CONNECTOR, BARREL JACK, 2.5MM, PWRJACK	Switchcraft	RAPC712X
1002492	A	1	J13	CONNECTOR, HEADER, MALE, 0.100IN, 5PIN, 1X5	Samtec	TSW-105-23-T-S
1002501	A	2	U10, U11	IC, DRIVER, MULTICHANNEL RS-232 LINE DRIVER/RECEIVER	Texas Instruments	MAX3232CPW
1002503	A	1	U14	IC, TRANSCEIVER, CAN, 3.3V, 8-SOIC	Texas Instruments	SN65HVD232D
1002507	B	1	R56	RESISTOR, 120 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ121X
1002514	A	2	S1, S2	SWITCH, TACT, SPST, SM	ITT Cannon	KSC421GB (RoHS)
1002549	A	4	D1, D7-D9	LED, GREEN, CLEAR, 0805	LITE-ON	LTST-C170GKT
1002656	A	1	J43	CONNECTOR, USB HOST	Molex	89485-8000
1003117	A	1	U6	IC, POWER REG, 1.5A LDO	NATIONAL	LM1086CSX-ADJ NOPB



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1003118	A	2	R20, R23	RESISTOR, 576 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF5760V
1003249	A	1	R65	RESISTOR, 100 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1000JLHF3
1003250	A	1	R57	RESISTOR, 1.5K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ152X
1003283	C	5	R7, R8, R12, R38, R39	RESISTOR, 330 OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ331V
1003284	A	1	R24	RESISTOR, 931 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF9310V
1003362	A	3	C1, R5, R6	RESISTOR, 0 OHM, 1/16W, 5%, 0603	Panasonic	ERJ-3GEY0R00V
1003432	A	1	U9	IC, SWITCH, DUAL-CHANNEL POWER DISTRIBUTION SWITCH, ACTIVE HIGH	Micrel	MIC2026-1YM
1003492	A	1	J11	CONNECTOR, HEADER, MALE, 0.100IN, 60PIN, 2X30	Tyco	1-761606-6
1003502	A	1	Q3	MOSFET, P-CH, -25V, -0.12A, SOT23	FAIRCHILD	FDV302P
1003708	A	3	C7, C26, C47	CAP, TANTALUM, 150UF, 10V, 6032	Kemet	T494C157K010AT
1003712	A	4	C2, C3, C6, C11	CAP, CERAMIC, 0.33UF, 16V, Y5V, 0603	Kemet	C0603C334Z4VACTU (RoHS)
1003713	A	4	C38, C39, C44, C45	CAP, CERAMIC, 47PF, 50V, NPO, 0402	Panasonic	ECJ-0EC1H470J (RoHS)
1003714	A	2	FB1, FB2	FERRITE, SMT 500MA 600 OHMS 1206	Steward	HZ1206E601R-10
1003734	A	1	P2	CONNECTOR, DB-9, MALE	Amp	5747250-4
1003737	A	2	J2, J4	CONNECTOR, BARREL JACK, 3.5MM, AUDIO JACK, STE-REO	CUI STACK	SJ-3505 (RoHS)
1003738	A	4	J16, J17, J38, J39	CONNECTOR, HEADER, MALE, 0.100IN, 80PIN, 2X40	Samtec	TSW-140-23-T-D (RoHS)
1003742	A	1	P1	CONNECTOR, RJ-45, JACK W/ MAGNETICS	PULSE ENG	J0026D21NL
1003746	A	1	J7	CONNECTOR, CF SOCKET, 50PIN, LOW PROFILE	Amp	5120615-1
1003748	A	1	U7	IC, POWER REG, 3 TERMINAL ADJUSTABLE, 1.5A	NATIONAL	LM317S/NOPB
1003749	A	1	U8	IC, DIGITAL LOGIC/LATCHES, SINGLE 2-INPUT POSITIVE NAND GATE	Texas Instruments	SN74LVC1G00DCKR (RoHS)
1003751	A	4	R1-R4	RESISTOR, 49.9 OHM, 1/16W, 1%, 0603	PHYCOMP	9C06031A49R9FKHFT (RoHS)
1003752	A	1	R26	RESISTOR, 3.9K OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ392V (RoHS)
1003753	A	2	R50, R52	RESISTOR, 0.050 OHM, 1W, 1%, 2512	Panasonic	ERJ-L1WKF50MU (RoHS)
1003756	A	5	R58-R60, R66, R67	RESISTOR, 24.9 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF24R9X (RoHS)



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1003757	A	1	D2	LED, AMBER CLEAR 0805	LITE-ON	LTST-C170AKT (RoHS)
1003760	A	3	Q4-Q6	MOSFET, N-CH, 100V, 0.17A, SOT23	INFINEON	BSS123E6327 (RoHS)
1003796	A	1	J42	CONNECTOR, USB DEVICE	Assman Electronics	AU-Y1007-R
1003988	A	1	C46	CAP, TANTALUM, 47UF, 10V, 6032	Kemet	T491C476K010AT
1004017	B	1	J3	CONNECTOR,HEADER,MALE,0.100IN,26PIN,2X13 (CUT FROM 1004014)	Samtec	TSW-113-23-T-D (RoHS)
1003738	A	.325		CONNECTOR, HEADER, MALE, 0.100IN, 80PIN, 2X40	Samtec	TSW-140-23-T-D (RoHS)
1004496	A	1	P3	CONNECTOR, SLIM DB9, THRU-HOLE, MALE	Kycon	K31X-E9P-N
1005092	A	0		ASSEMBLY DRAWING, SDK-DRG-10 APPLICATION BOARD		
1005266	A	1	PCB1	PCB, LCE-DRG-10, SDK APPLICATION BOARD FOR MCF5329 & MCF5373 PROCESSOR ROHS		
1002636	A	5	JP1-JP5	SHUNT, 2 PIN. .100IN BLACK, STRIP OF 10	Amp	2-382811-1
25000046	B	4		FEET, BUMPON, SJ5076	3M	SJ5076
1000201	A	0		LABEL, PART NUMBER, REVISION, SERIAL NUMBER, BAR CODE		