



Logic Product Development
PN: 1006297 Rev 2

Bill of Materials

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MCF5373-10 (ROHS) 32MB DDR RAM, 2MB NOR FLASH, 16MB NAND FLASH, ETHERNET, AUDIO	1 - 4



BOM REPORT

Part Number 1006297

Part Description ASSEMBLY, PCB, MCF5373-10 (ROHS) 32MB DDR RAM, 2MB NOR FLASH, 16MB NAND FLASH, ETHERNET, AUDIO

Part Revision 2

Part Number	Revision	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1006297	2			ASSEMBLY, PCB, MCF5373-10 (ROHS) 32MB DDR RAM, 2MB NOR FLASH, 16MB NAND FLASH, ETHERNET, AUDIO		
1001327	B	10	C10-C13, C39-C41, C47, C54, C55	CAP, CERAMIC, 0.1UF, 16V, X7R, 0603	AVX	0603YC104KAT2A (RoHS)
1001329	A	53	C1-C8, C16-C19, C21, C24-C33, C42-C44, C46, C48-C50, C56-C65, C70-C78, C80, C81, C115, C116	CAP, CERAMIC, 10000PF, 16V, 0402	Panasonic	ECJ-0EB1C103K
1001330	A	6	C22, C66-C69, C79	CAP, CERAMIC, 10PF, 50V, NPO, 0402	Kemet	C0402C100J5GACTU
1001331	A	19	C34, C91-C101, C106-C108, C111-C114	CAP, CERAMIC, 470PF, 50V, X7R, 0402	AVX	04025C471KAT2A
1001332	B	6	C9, C14, C15, C23, C45, C53	CAP, TANTALUM, 22UF, 10V, 3528	Panasonic	ECS-T1AX226R
1001333	A	1	Y3	CRYSTAL, 32.768KHZ, 20PPM, IND TEMP, SMT	Fox	FSX327LF
1001336	B	21	JP2-, R1, R16, R30, R44, R51, R57, R60-R64, R70, R72, R73, R78, R96, R99-R101, R123	RESISTOR, 10K OHM, 1/16W, 5%, 0402	Dale	CRCW0402103JT
1001368	A	8	R2, R20, R34, R38, R39, R53, R74, R116	RESISTOR, 0 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GE0R00X
1001372	A	1	R95	RESISTOR, 100K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ104X
1001374	A	5	R13, R15, R18, R50, R87	RESISTOR, 22 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ220X
1001600	A	2	J1A, J1B	CONNECTOR, HEADER, 0.5MM, 80PIN, W/POSTS, W/FITTINGS, 2X40	Hirose	DF12(3.0)-80DP-0.5V(86)
1001604	A	1	Q6	MOSFET, N-CH, 60V, 150MA, SOT23	Diodes Inc	2N7002-7-F
1002081	A	1	Y6	CRYSTAL, 25.0000MHZ, 50PPM, SMT	Abracon	ABM7-25.000MHZ-4-T
1002314	B	1	U79	IC, DIGITAL LOGIC/LATCHES, SINGLE 2-INPUT POSITIVE AND GATE	Texas Instruments	SN74AHC1G08DBVRE4
1002319	A	1	U7	IC, DIGITAL LOGIC/LATCHES, EDGE TRIGGERED D TYPE F/F, TRI-STATE 48-TSSOP	Texas Instruments	SN74LVTH162374DGGR (ROHS)
1002379	A	2	C117, C212	CAP, CERAMIC, 1.0UF, 10V, X7R, 0805	AVX	0805ZC105KAT2A



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1002381	A	1	U78	IC, POWER REG, 1.5 V, 1A, LDO, TO-252, INDUSTRIAL TEMP	Global Mixed-mode Tech Inc.	G1117-15T43Uf
1002391	A	1	U15	IC, RESET/SUPERVISORY, 3-PIN MICROPROCESSOR RESET CHIP 3.08V THRESHOLD ACTIVE LOW, SOT-23	OnSemi	NCP803SN308T1G
1002414	A	1	U9	IC, DIGITAL LOGIC/LATCHES, FLIP-FLOP, DUAL D-TYPE, 14TSSOP	PHILIPS	74LVC74APW
1002428	A	12	R21-R29, R31-R33	RESISTOR, ARRAY (4) 22 OHM, 5%, SMT	Panasonic	EXB-28V220JX
1002429	A	5	R8, R35, R36, R40, R49	RESISTOR, 4.75K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF4751X
1002582	A	2	U16, U20	IC, DIGITAL LOGIC/LATCHES, QUAD POSITIVE OR GATE, 2-INPUT, TSSOP 14-PIN	TI	SN74LVC32APWR
1002604	A	1	Q4	MOSFET, P-CH, 12V, -4.3A, SOT23	INTERNATIONAL RECTIFIER	IRLML6401PBF
1002736	A	0		SCHEMATIC, MCF5373-10 (SUPERT) CARD ENGINE		
1002794	A	2	R11, R12	RESISTOR, 2.2K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ222X
1003236	A	1	R4	RESISTOR, 4.87K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF4871X
1003237	A	1	U81	IC, DIGITAL LOGIC/LATCHES, QUAD POSITIVE AND GATE, 2-INPUT, TSSOP 14-PIN	Texas Instruments	SN74LVC08APWR
1003241	A	1	R14	RESISTOR, 698 OHM, 1/16W, 1%, 0402	Yageo America	9T04021A6980FBHF3
1003242	A	1	U80	IC, DIGITAL LOGIC/LATCHES, HEX INVERTER 14-TVSOP	TI	SN74ALVC14DGVR
1003244	A	1	Y1	CRYSTAL, 16.0000MHZ, 30PPM, 18PF, SMT	ECS	ECS-160-18-23A-EN-TR
1003245	A	1	U22	IC, NAND FLASH, 128MBIT, X8, 3V, TSOP	ST MICRO	NAND128W3A0AN6F
1003247	A	3	U1-U3	IC, TRANSCEIVER, 16 BIT 2.5V TO 3.3V / 3.3V TO 5V LEVEL SHIFTING	Texas Instruments	SN74ALVC164245DGGR
1003248	A	1	U5	IC, DDR SDRAM, 256MB	MICRON	MT46V16M16P-75
1003249	A	1	R37	RESISTOR, 100 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1000JLHF3
1003250	A	8	R3, R5, R9, R41-R43, R58, R67	RESISTOR, 1.5K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ152X
1003254	A	1	U10	IC, TRANSCEIVER, 10/100 ETHERNET PHY LQFP	National	DP83848VV NOPB
1003272	A	1	U14	IC, PROCESSOR, FREESCALE, PCF5373, 196 MBGA	Freescale	PCFM5373LCVM240
1003619	A	1	U13	IC, STEREO AUDIO CODEC, 8-96KHZ, W/ INTEGRATED HEADPHONE AMPLIFIER, BGA	Texas Instruments	TLV320AIC23BZQE



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1006294	B	1		PCB, MCF5373-10 CARD ENGINE - BETA SPIN - ROHS		
1006341	B	0		ASSEMBLY DRAWING, MCF53XX-10 CARD ENGINE 2 LABELS		
1006918	A	0		SOFTWARE, XML, MCF5373, FCT SERVER, TEST PARAMETERS		
1000196	A	0		LABEL, MAC ADDRESS IDENTIFICATION		
1006494	A	0		LABEL, PART NUMBER, REVISION, SERIAL NUMBER, BAR CODE, ROHS		
1002482	A	1	U21	IC, FLASH, 16MBIT	INTEL	JS28F160C3BD70
1006914	A	0		SOFTWARE, RAW, COLDFIRE, LPD_FTC & LOLO 2.3.2 & DBUG V4C.1A.1A , MCF5373-10, ALL BYTES		