

KSZ8873MLL 64LQFP reference design Revision 1.0

REVISION HISTORY

DATE:	DESCRIPTION	REVISION
04/30/2009	Initial release	1.0

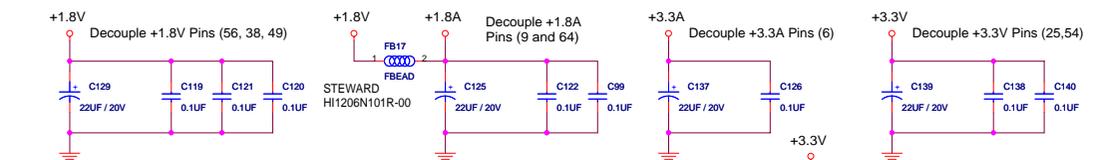
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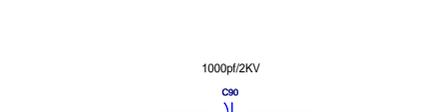
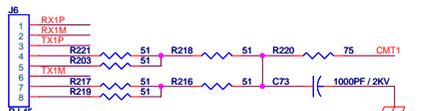
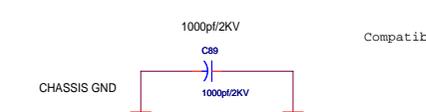
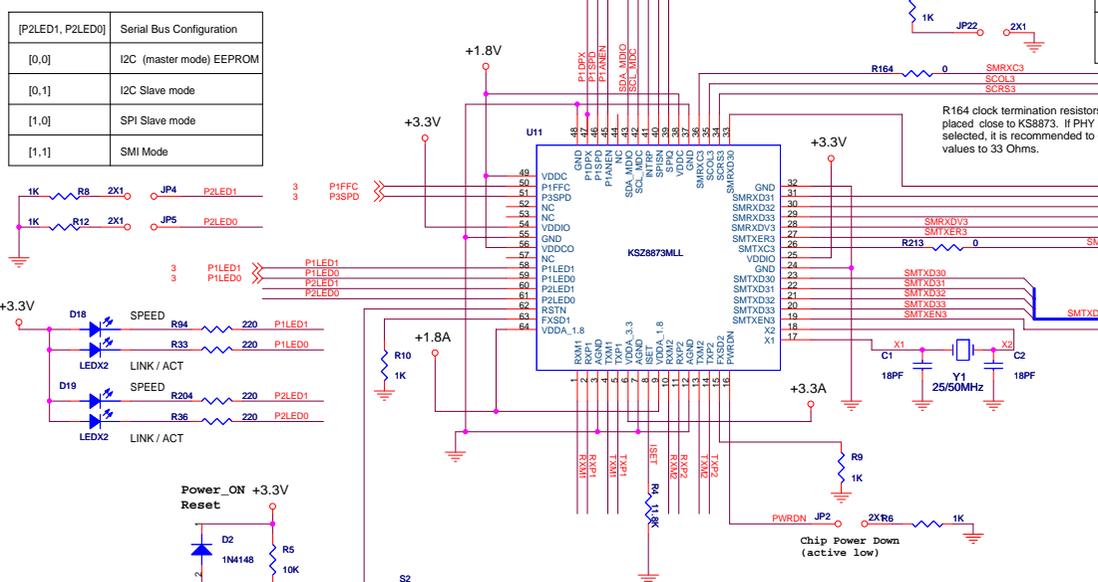


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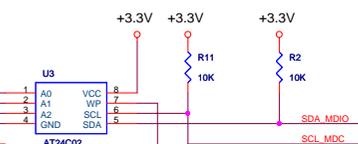
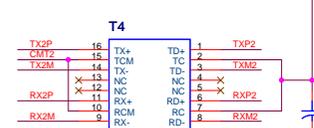
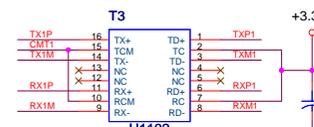
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[P2LED1, P2LED0]	Serial Bus Configuration
[0,0]	I2C (master mode) EEPROM
[0,1]	I2C Slave mode
[1,0]	SPI Slave mode
[1,1]	SMI Mode



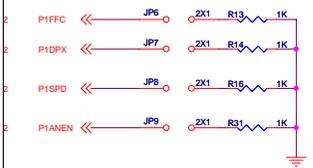
Pulse H1102
Transponder HB726
Bel Fuse S558-5999-U7
YCL P1163020
DELTA LP8505



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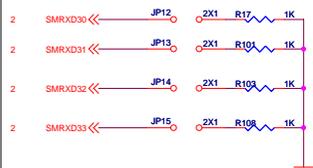
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PORT 1



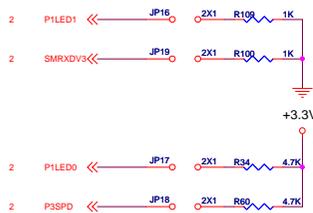
JP6	Force Flow Control Off = ENABLE Low = DISABLE
JP7	Force Full/Half Off = Full Duplex Low = Half Duplex
JP8	Force Speed Off = 100BaseTX Low = 10BaseT
JP9	Auto-negotiation Off = Enable Low = Disable

PORT 2



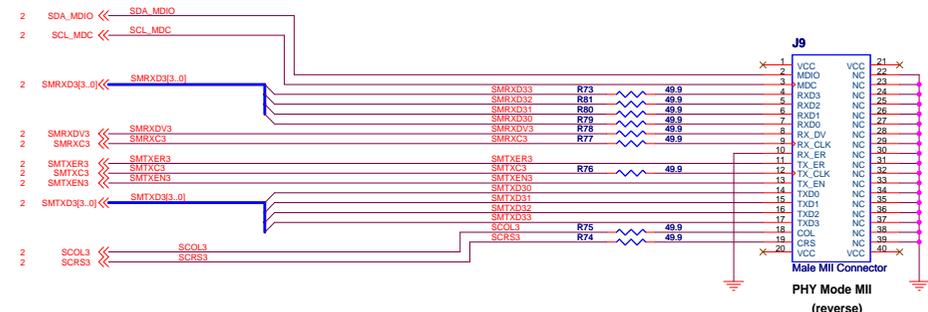
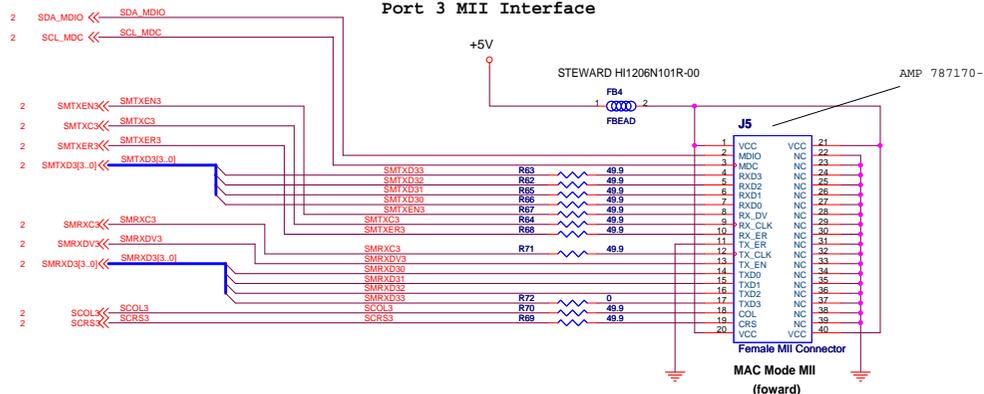
JP12	Force Flow Control Off = ENABLE Low = DISABLE
JP13	Force Full/Half Off = Full Duplex Low = Half Duplex
JP14	Force Speed Off = 100BaseTX Low = 10BaseT
JP15	Auto-negotiation Off = ENABLE Low = DISABLE

PORT 3



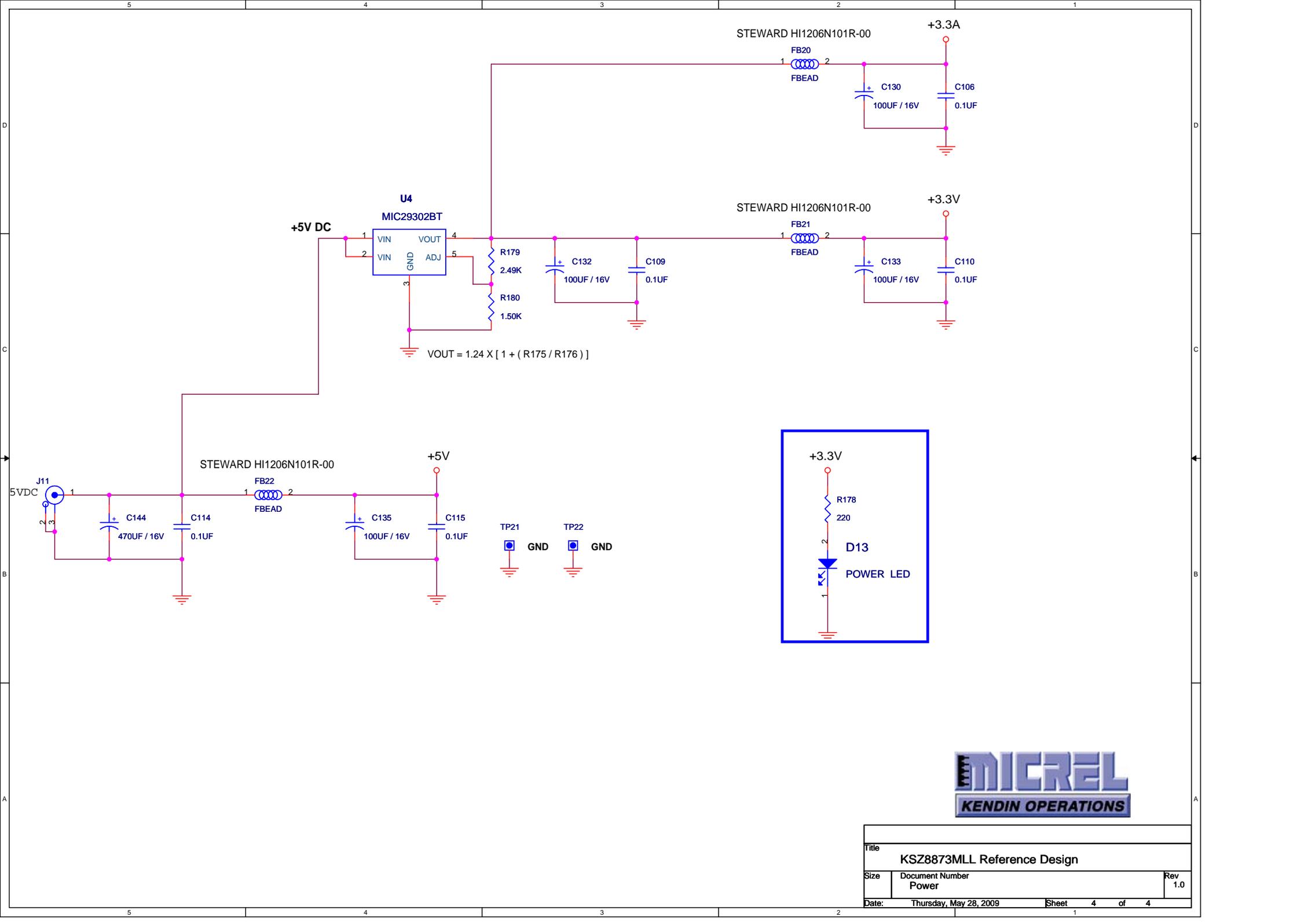
JP16	Force Flow Control Off = ENABLE Low = DISABLE
JP17	Force Full/Half High = Half Duplex Off = Full Duplex
JP18	Force Speed High = 100BaseT Off = 100BaseT
JP19	MII Mode Selection Off = PHY mode Low = MAC mode

Port 3 MII Interface

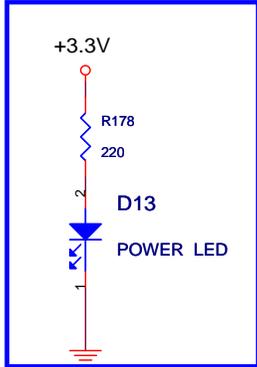


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U4
MIC29302BT
 VIN VOUT 4
 VIN GND ADJ 5
 3
 $V_{OUT} = 1.24 \times [1 + (R_{175} / R_{176})]$



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