KSZ9031RNX Evaluation-Socket Board Revision 1.1

REVISION HISTORY

DATE	DESCRIPTION	REVISION
6/15/12	Initial Release	1.0
8/16/12	Added note to change FB2 from ferrite bead to 0 Ohm when PMOS (Q2) is populated. Added LDO_O output drive range for PMOS gate input. Added note to place copper ground PCB heat sink for PMOS (Q2).	1.1
9/28/12	Changed U1 (KSZ9031RNX) pin 13 from VSS_PS to NC and pin 47 from AVDDH to NC.	1.2

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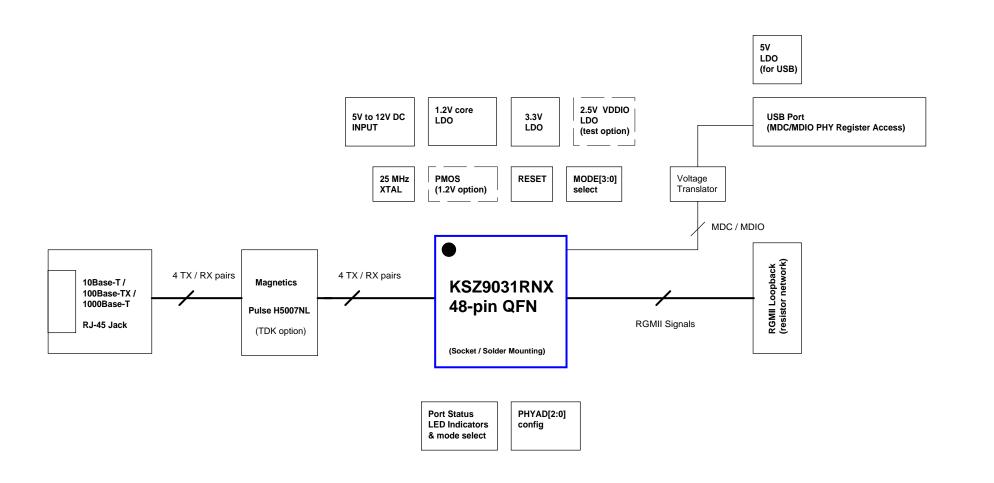


KSZ9031RNX Evaluation-Socket Board

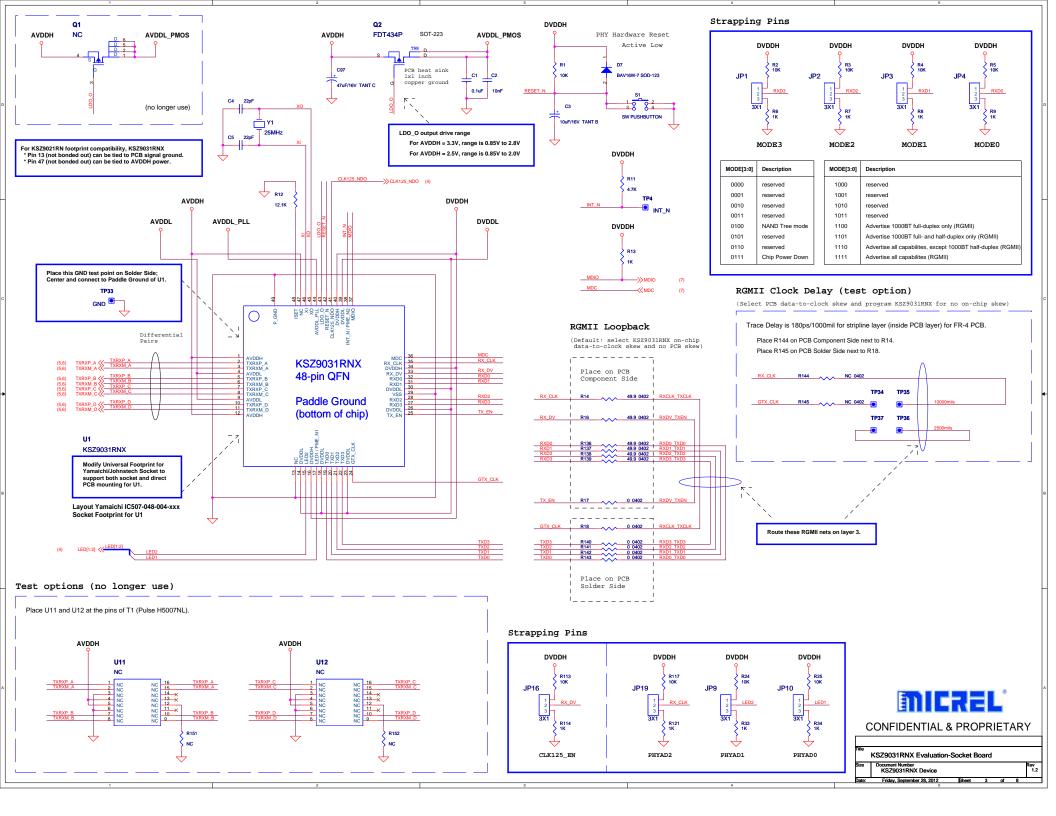
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KSZ9031RNX EVALUATION-SOCKET BOARD - BLOCK DIAGRAM







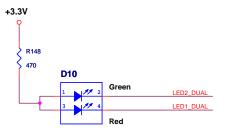
Single LED Mode

Pin	Description
LED2	1: Link off 0: Link on (any speed), solid color
LED1	Blinking : Activity (RX, TX)



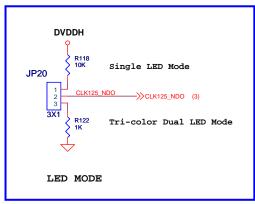
Tri-color Dual LED Mode

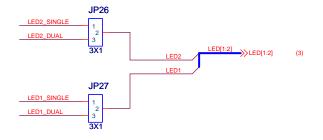
Pins [LED2, LED1]	Description					
[0, 1] [toggling, 1]	Solid Color: 1G Link Blinking: Activity (RX, TX)	Green				
[1, 0] [1, toggling]	Solid Color: 100M Link Blinking: Activity (RX, TX)	Red				
[0, 0] [toggling, toggling]	Solid Color: 10M Link Blinking: Activity (RX, TX)	Orange				
[1, 1]	Link off					



Dialight 598-8610-207F / 1210 SMD

Strapping Pin







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