KSZ8041TL-FTL Eval Board Revision 1.1

REVISION HISTORY

DATE	DESCRIPTION	REVISION *
8/9/07	Initial Release	2.0

NOTE: * Schematic Revision 1.x is for KSZ8041TL-FTL Eval Board Revision 1.0. Schematic Revision 2.x is for KSZ8041TL-FTL Eval Board Revision 1.1.

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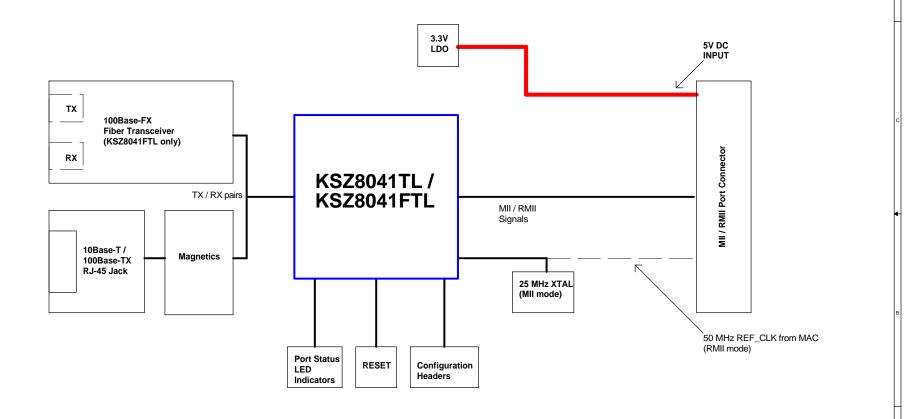
PAGE 04: KSZ8041TL-FTL UTP Interface PAGE 05: KSZ8041FTL Fiber Interface

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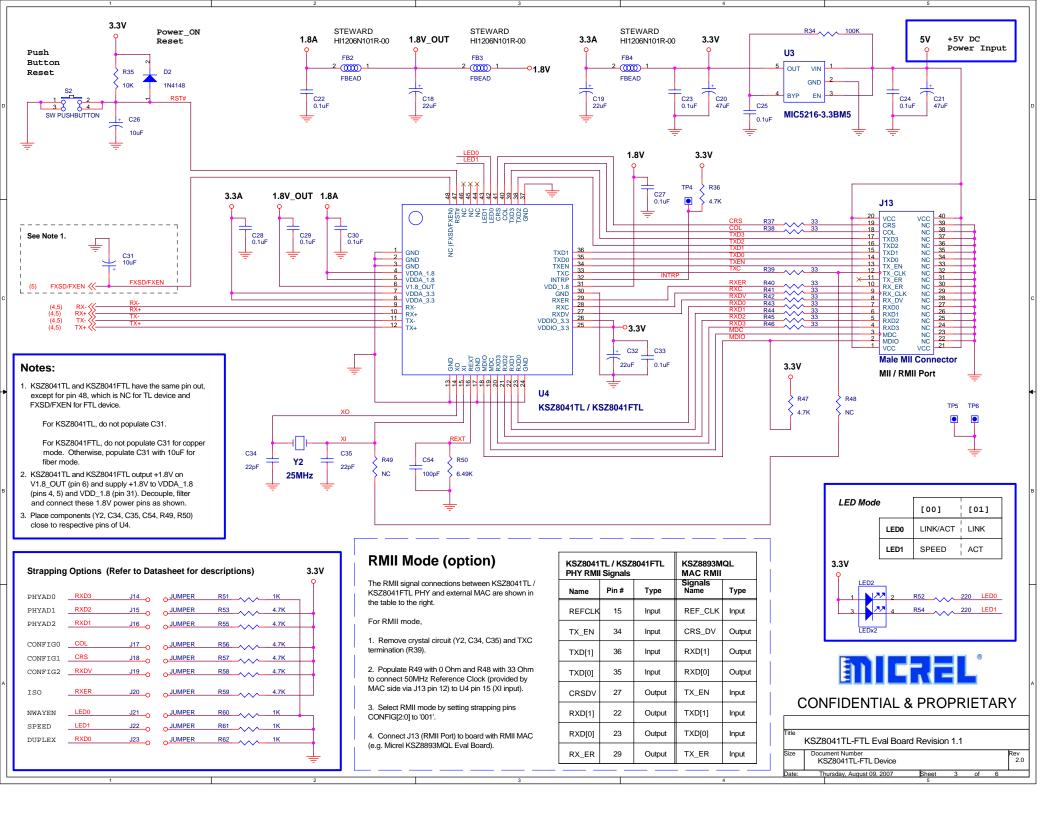


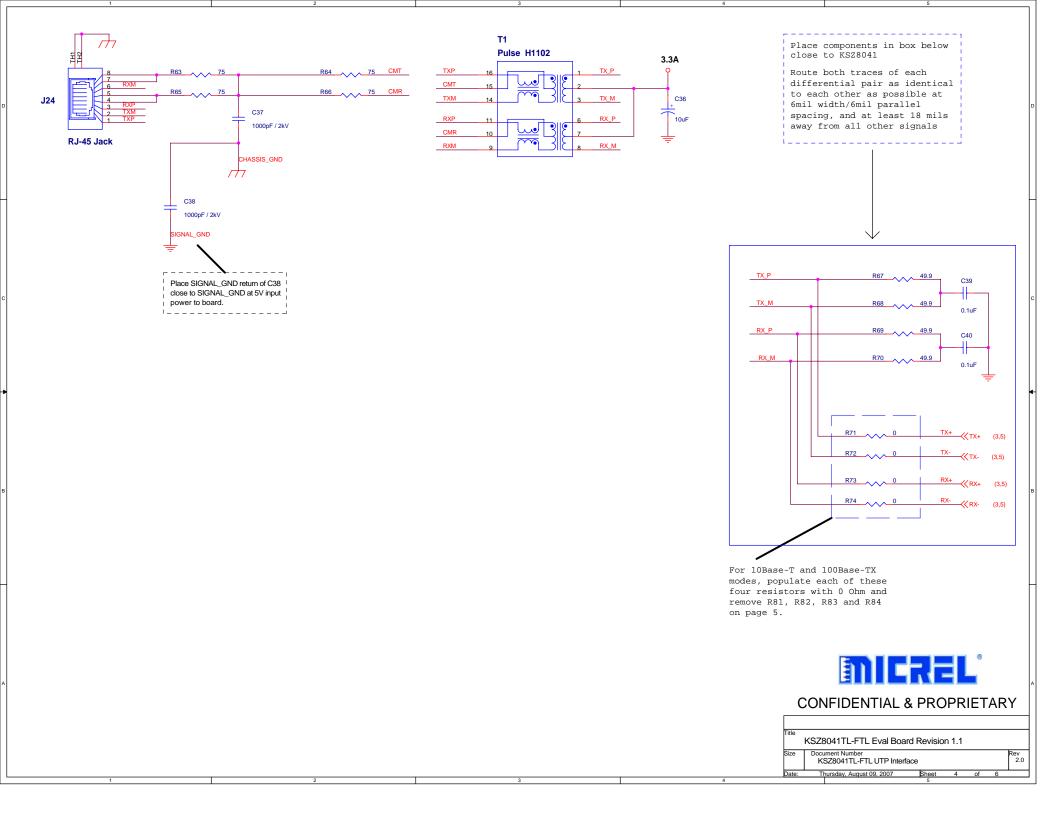
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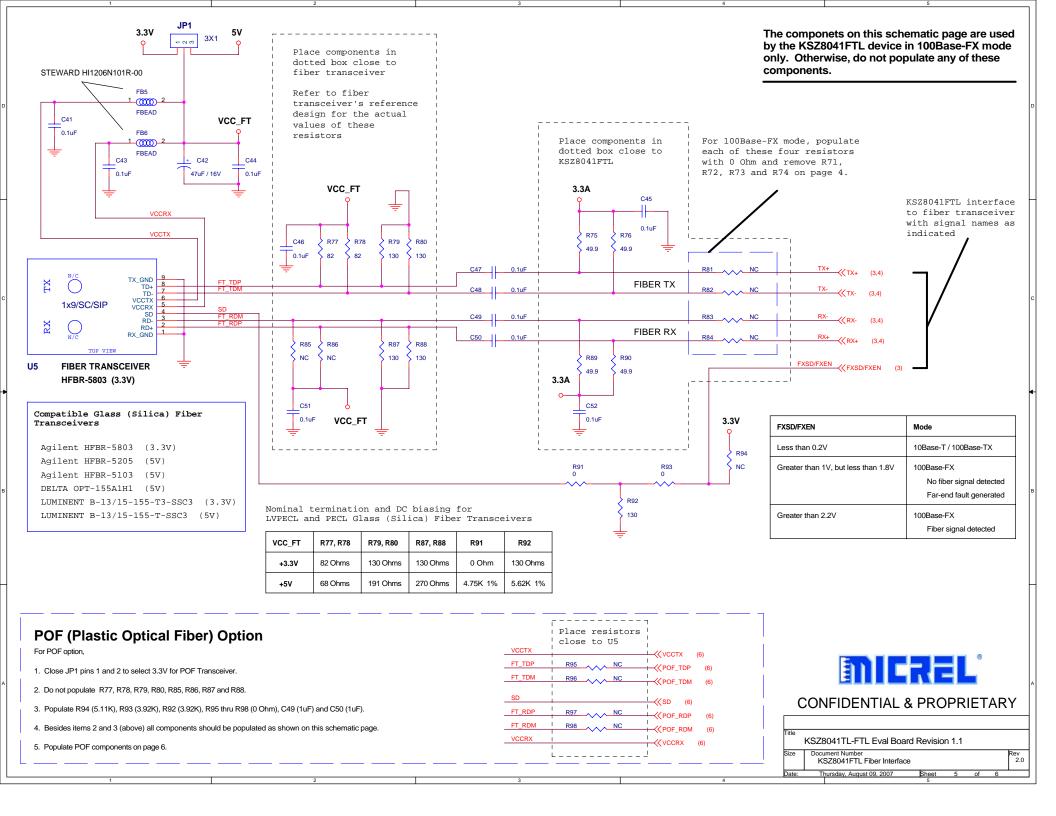
KSZ8041TL_FTL EVAL BOARD - BLOCK DIAGRAM











POF (Plastic Optical Fiber) Option

For POF option,

- 1. Populate all components on this schematic page.
- 2. Follow POF Option instructions on schematic page 5.
- 3. Change R50 to 13K on schematic page 3.

to respective pins of U6 POF_TDM (5) R99 100 √⟨POF_TDP (5) GND_TX VCCTX O- VCC_TX REX (TOP VIEW) VCC_RX -⟨⟨VCCRX (5) O── GND_RX RD-POF (Plastic Optical Fiber) Transceiver PCB Footprint supports Firecomms EDL300T-120 in SMI Firecomms OptoLock - EDL300T-220

Place R99, C55 and C56 close

VCCRX

C56

0.01uF

The componets on this schematic page are used by the KSZ8041FTL device in 100Base-FX mode for the POF option only. Otherwise, do not populate any of these components.



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KSZ8041FTL POF (Plastic Optical Fiber) Option

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