
Summary of Changes from M5213EVB Rev A to Rev B :

1) Corrected UART_EN options for signal / jumper issues:

On Rev A the UART0_EN and UART1_EN option jumper positions 1 and 2 for TX and RX enables do not align correctly. These options must be wire wrapped instead of jumpered to correct the signal flow as follows (refer to schematic for clarity):
UART0/1_EN pin 1 to pin 1 to 4, pin 3 to 2.

UART2_EN option silk legend is not correct for option function. Positions 1 and 2 (indicated TX and RX) are actually RTS and CTS. Position 3 (indicated RTS) is actually TX enable. Position 4 (indicated CTS) is actually RX enable.

UART2_EN RTS/CTS signals do not flow correctly. Position 1 and 2 must be wire wrapped as follows to enable the RTS and CTS operation: 1 to 4 enables CTS, 3 to 2 enables RTS.

- 2) Updated Freescale logo to include symbol.
- 3) Moved R46 (CLKOUT impedance matching resistor) near U1 and moved clockout trace into ground plane area for impedance control and signal integrity.
- 4) Opened ground loops in planes to remove possible current noise loops.
- 5) Removed FB2 from VSSPLL and connected VSSPLL (pin 71) to ground under U1. Oscillator circuit is single point grounded at pin 71.
- 6) Changed MC13192 RST* input from RSTO* signal to QSPI_CS1 I/O port signal.
- 7) Changed polarity of ON/OFF switch and improved silk legend on PCB.

Summary of Changes from M5213EVB Rev B to Rev C :

- 1) CE change: Regulator = LM2937A-3.3 robust linear type, 500ma.
- 2) All pull-ups to 3.3V instead of VDD.
- 3) +3.3V_EN option is hardwired on pcb.