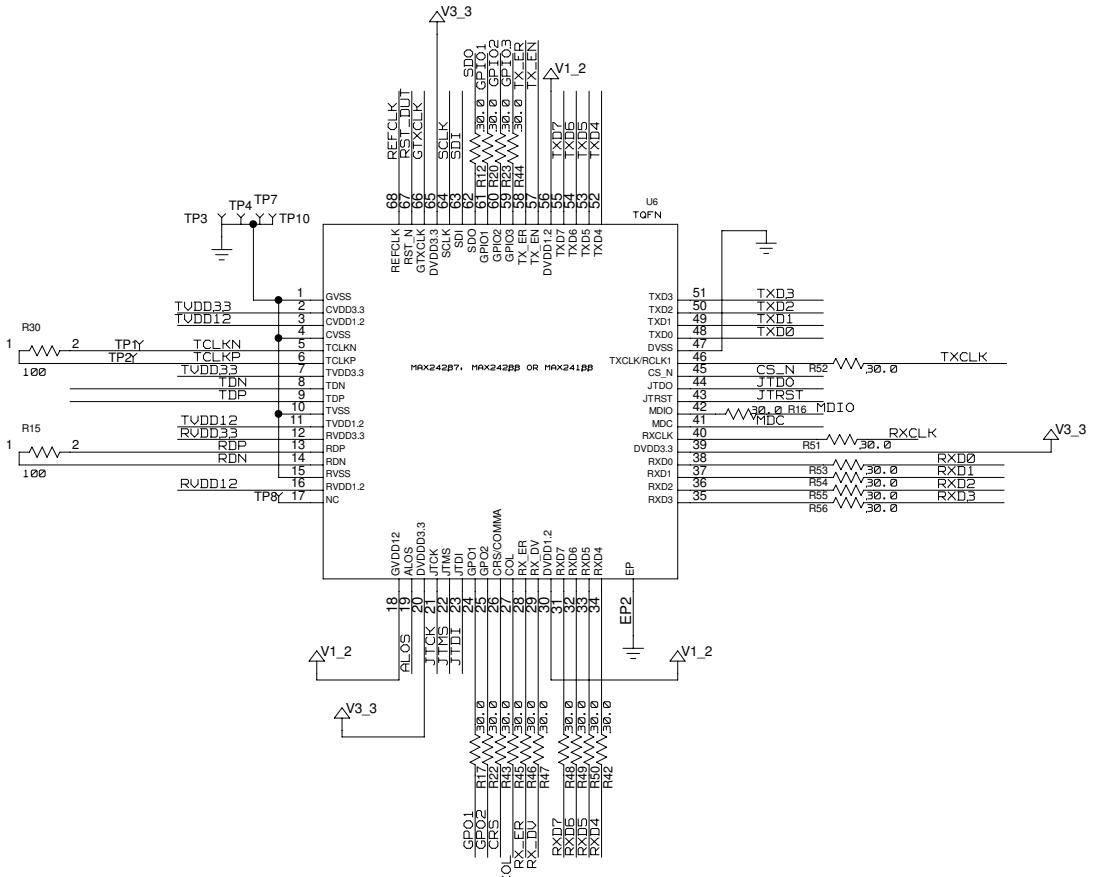
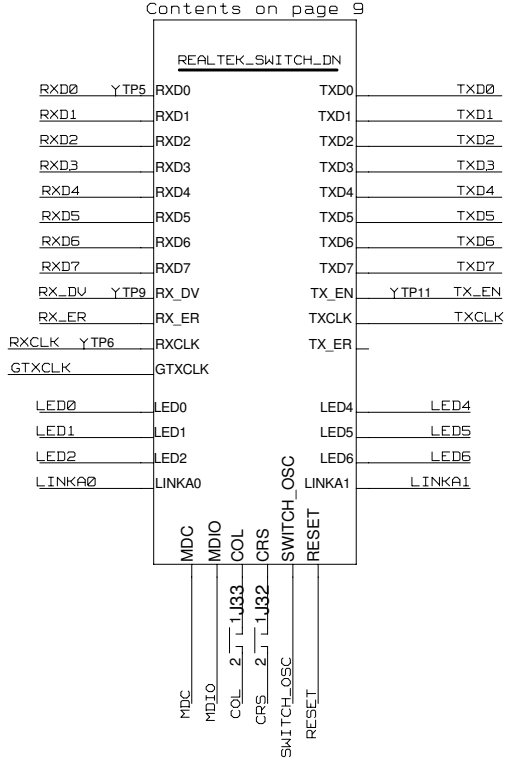
MAX24287 EVKIT Rev_B



Top level Hierarchy block

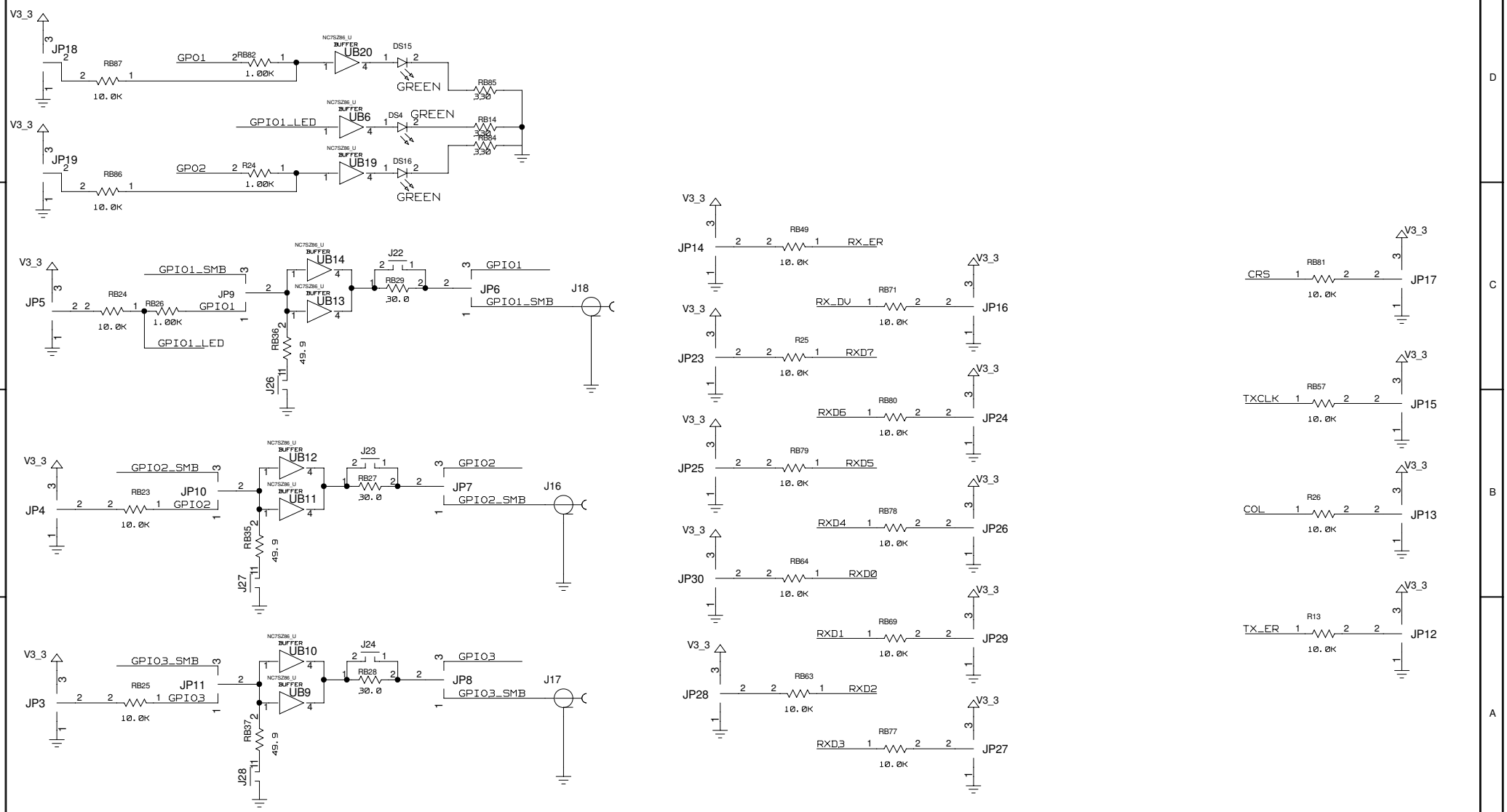
TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 1/11 (TOTAL) 1/B (BLOCK)

Switch Hierarchy block.
Contents on page 9



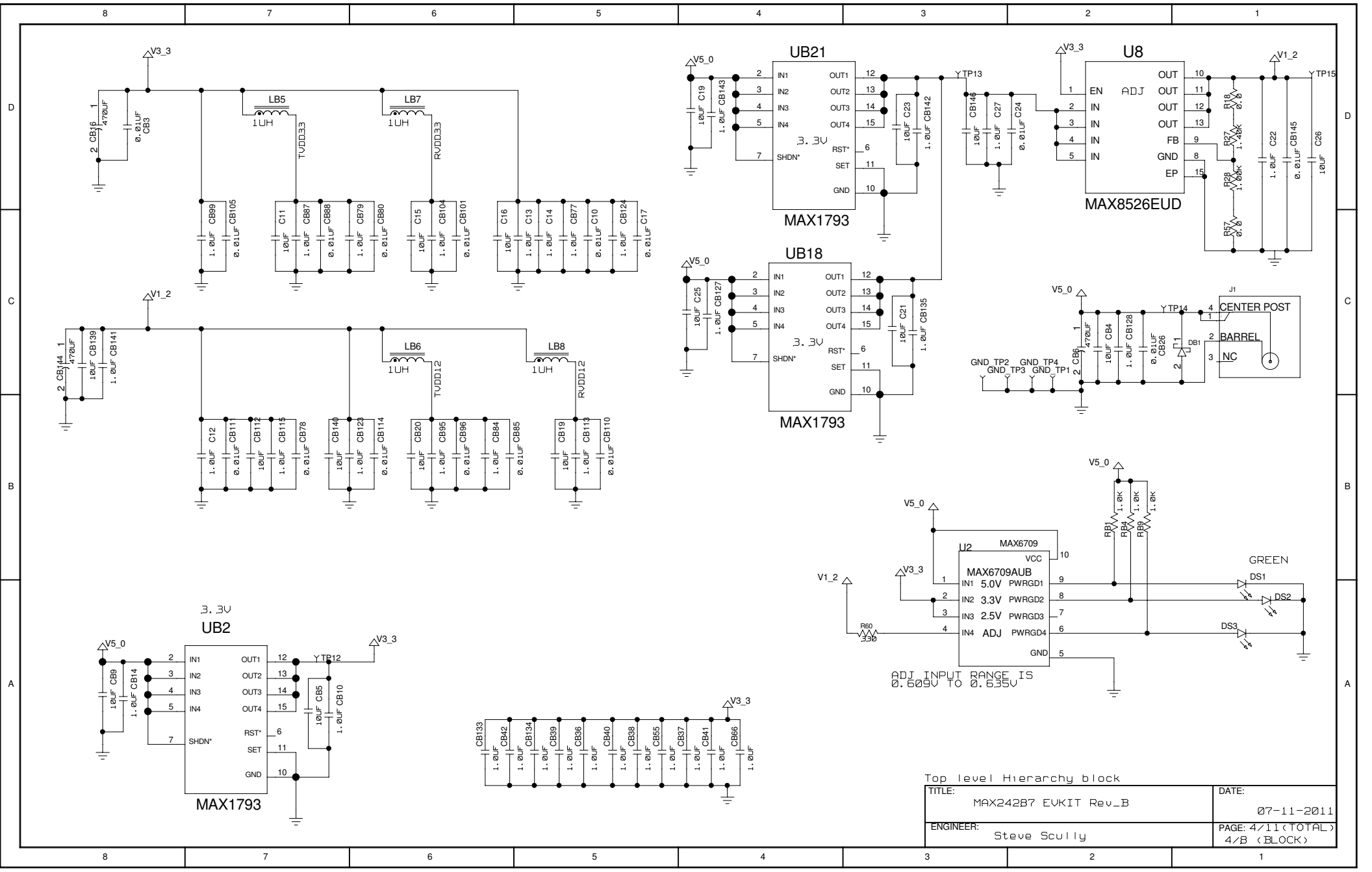
Top level Hierarchy block

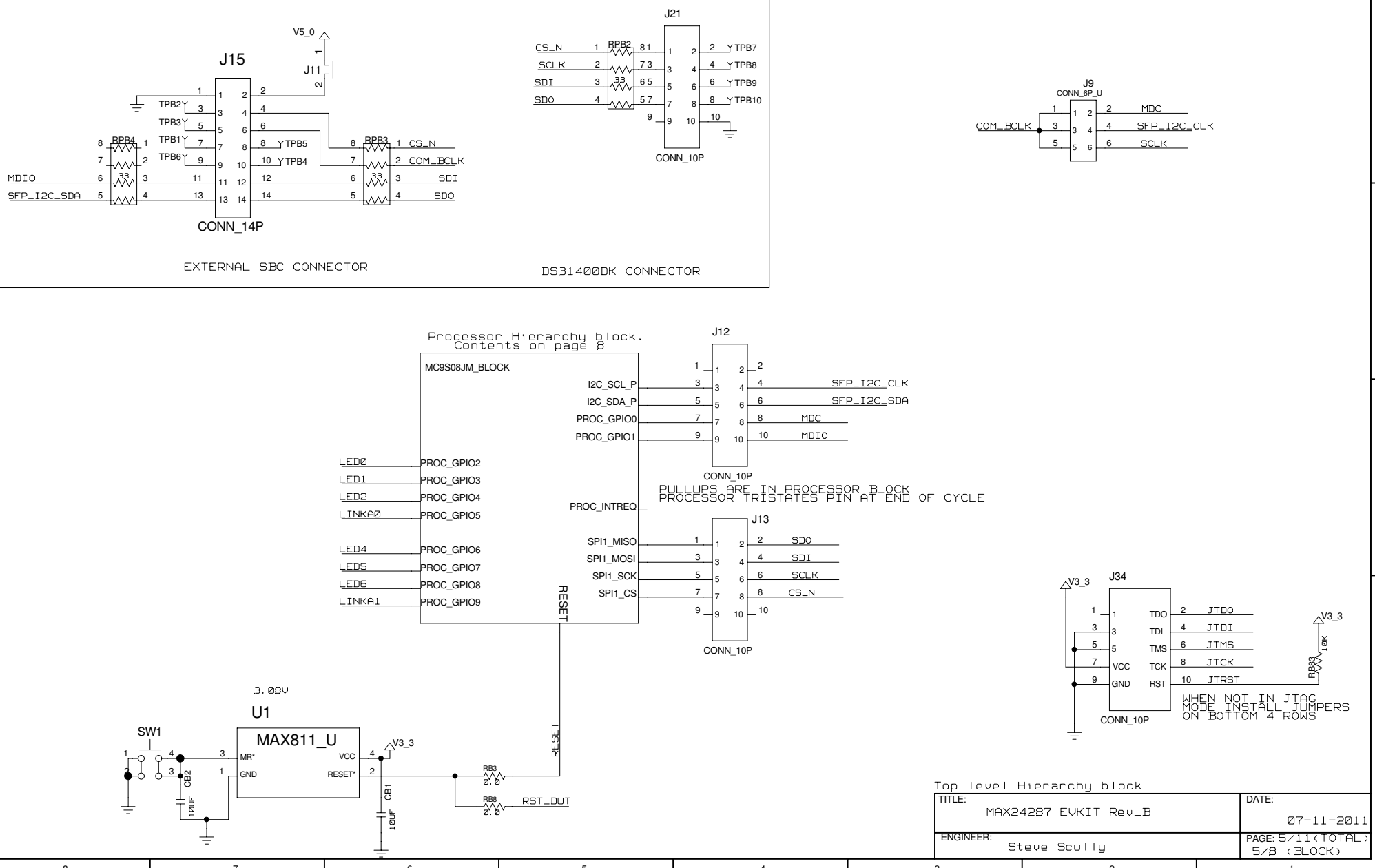
TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 2/11 (TOTAL) 2/8 (BLOCK)



Top level Hierarchy block

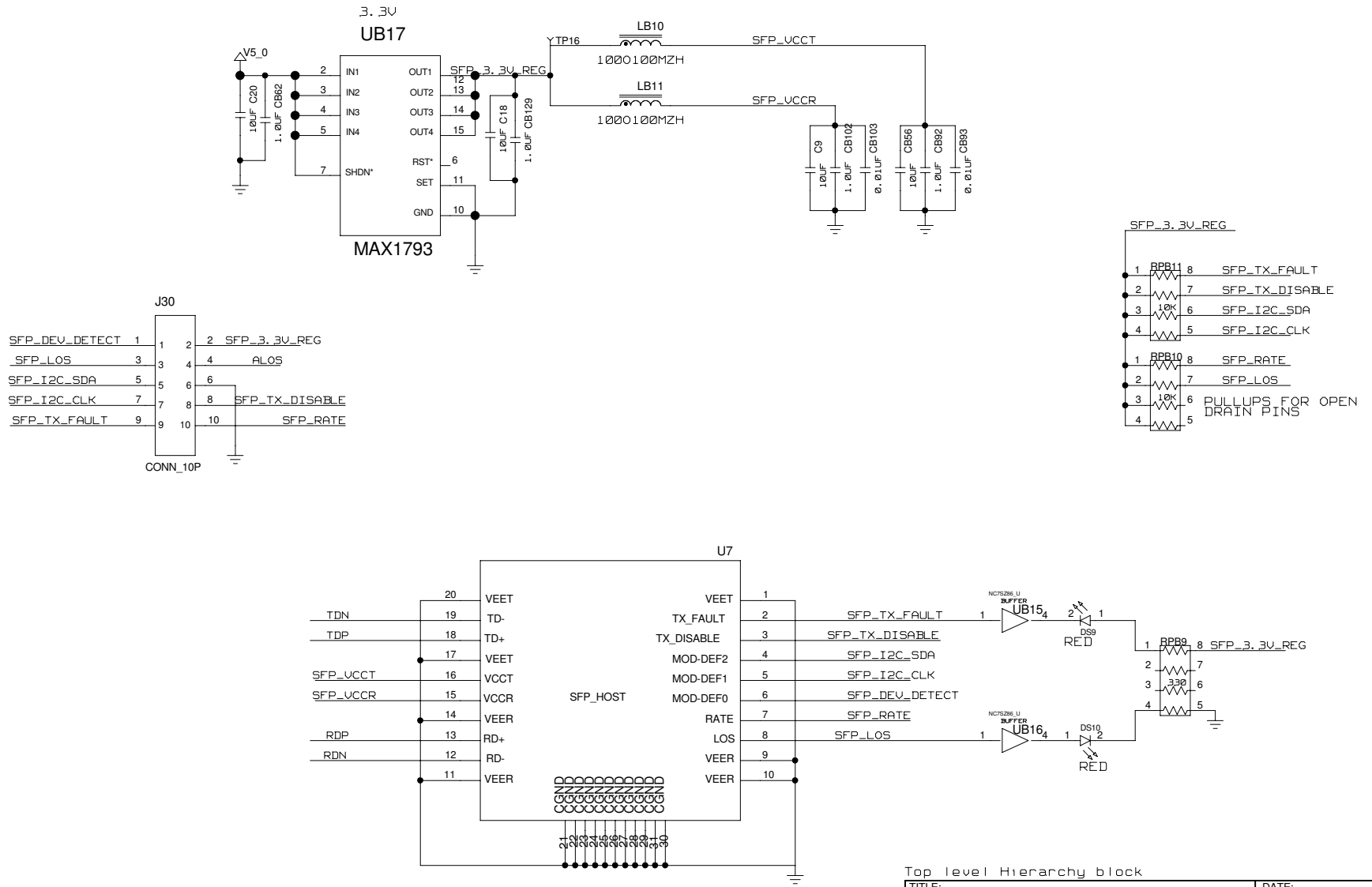
TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 3/11 (TOTAL) 3/8 (BLOCK)


UB21
MAX1793
UB18
MAX1793
U8
MAX8526EUD
UB2
MAX1793
U2
MAX6709
MAX6709AUB
ADJ INPUT RANGE IS
0.609V TO 0.635V
GREEN
CENTER POST
BARREL
NC
Top level Hierarchy block
TITLE:
MAX24287 EVKIT Rev_B
DATE:
07-11-2011
ENGINEER:
Steve Scully
PAGE: 4/11 (TOTAL)
4/8 (BLOCK)



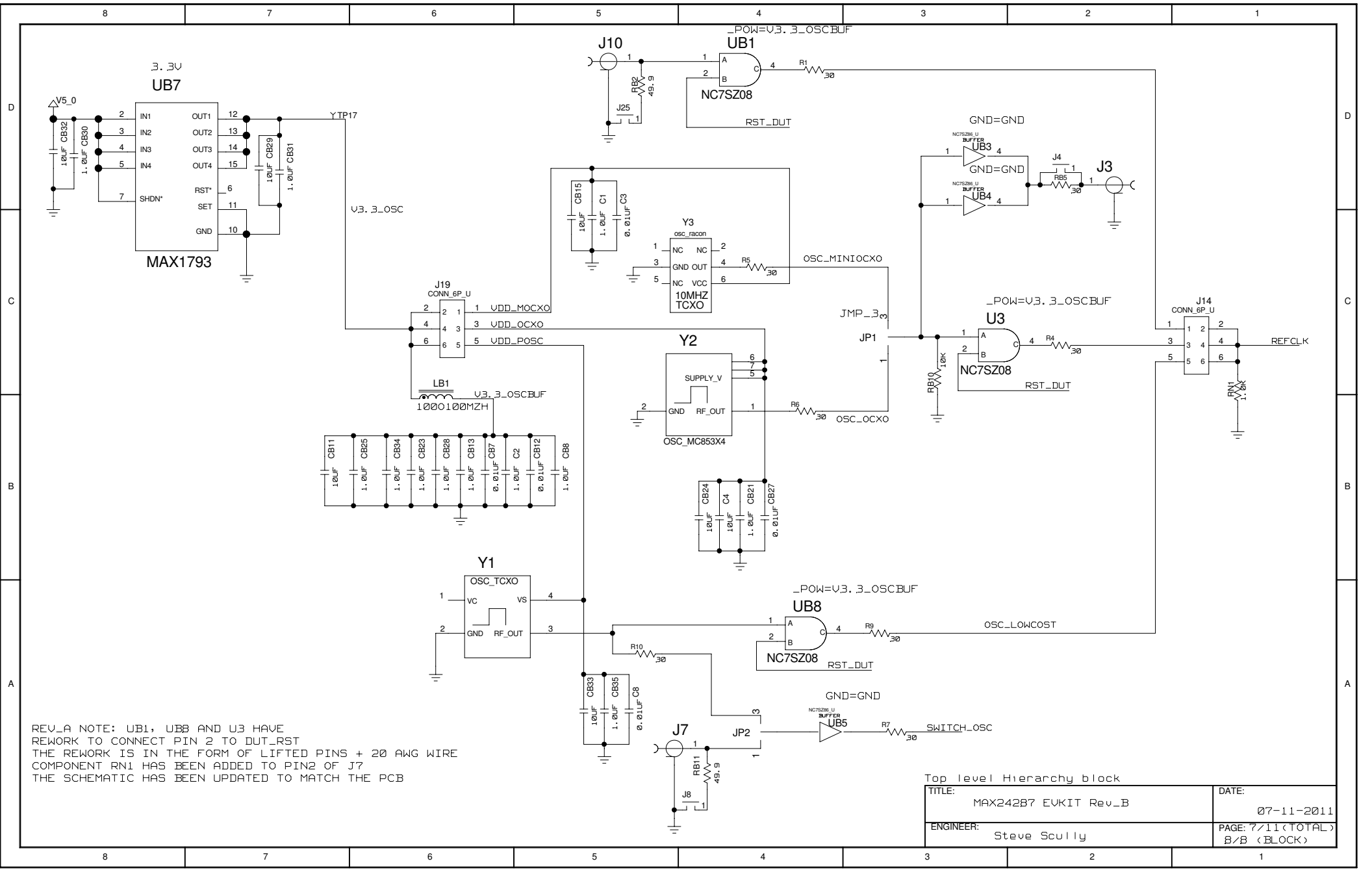
Top level Hierarchy block

TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 5/11(TOTAL) 5/8 (BLOCK)



Top level Hierarchy block

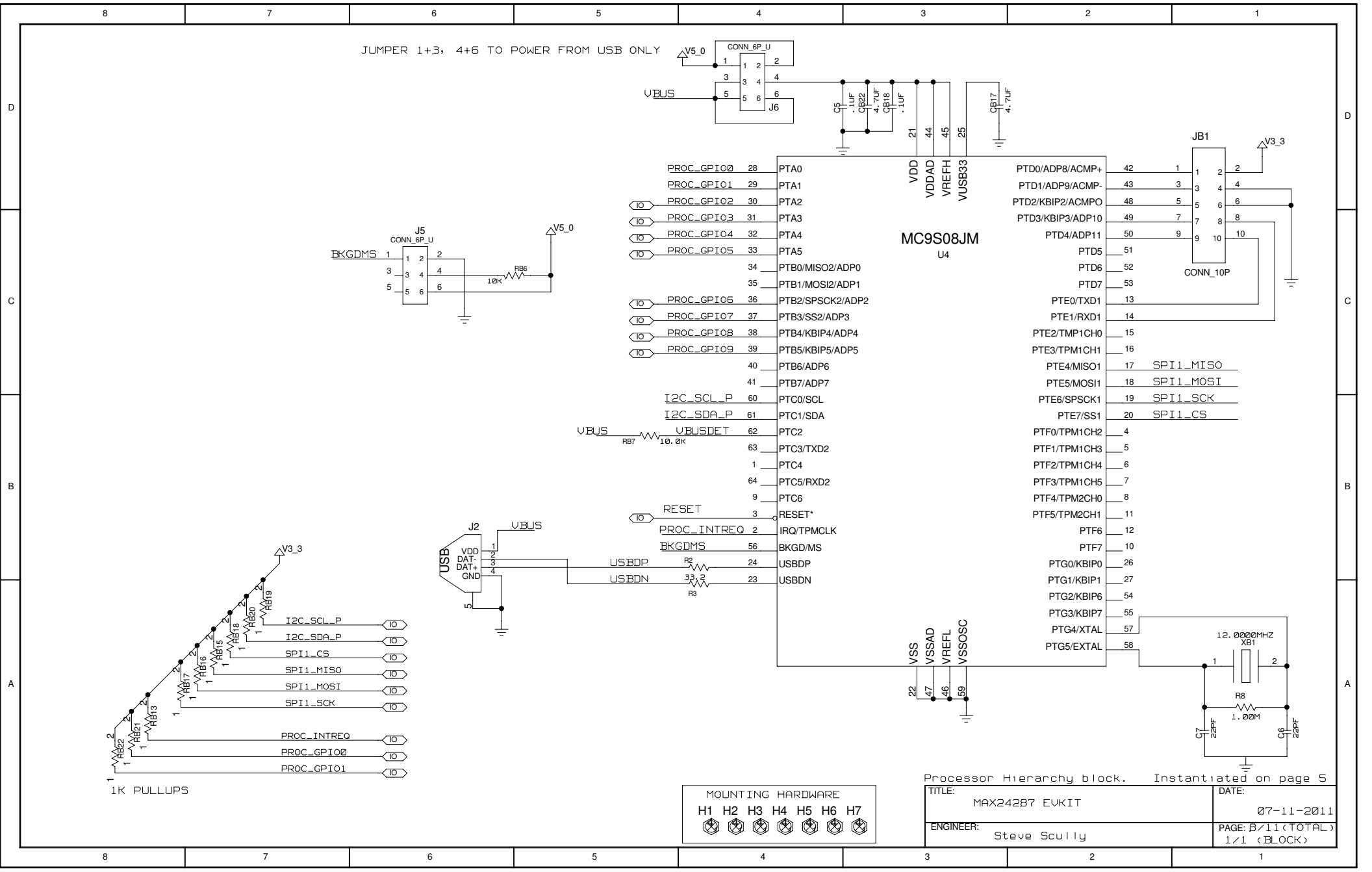
TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 6/11(TOTAL) 6/8 (BLOCK)

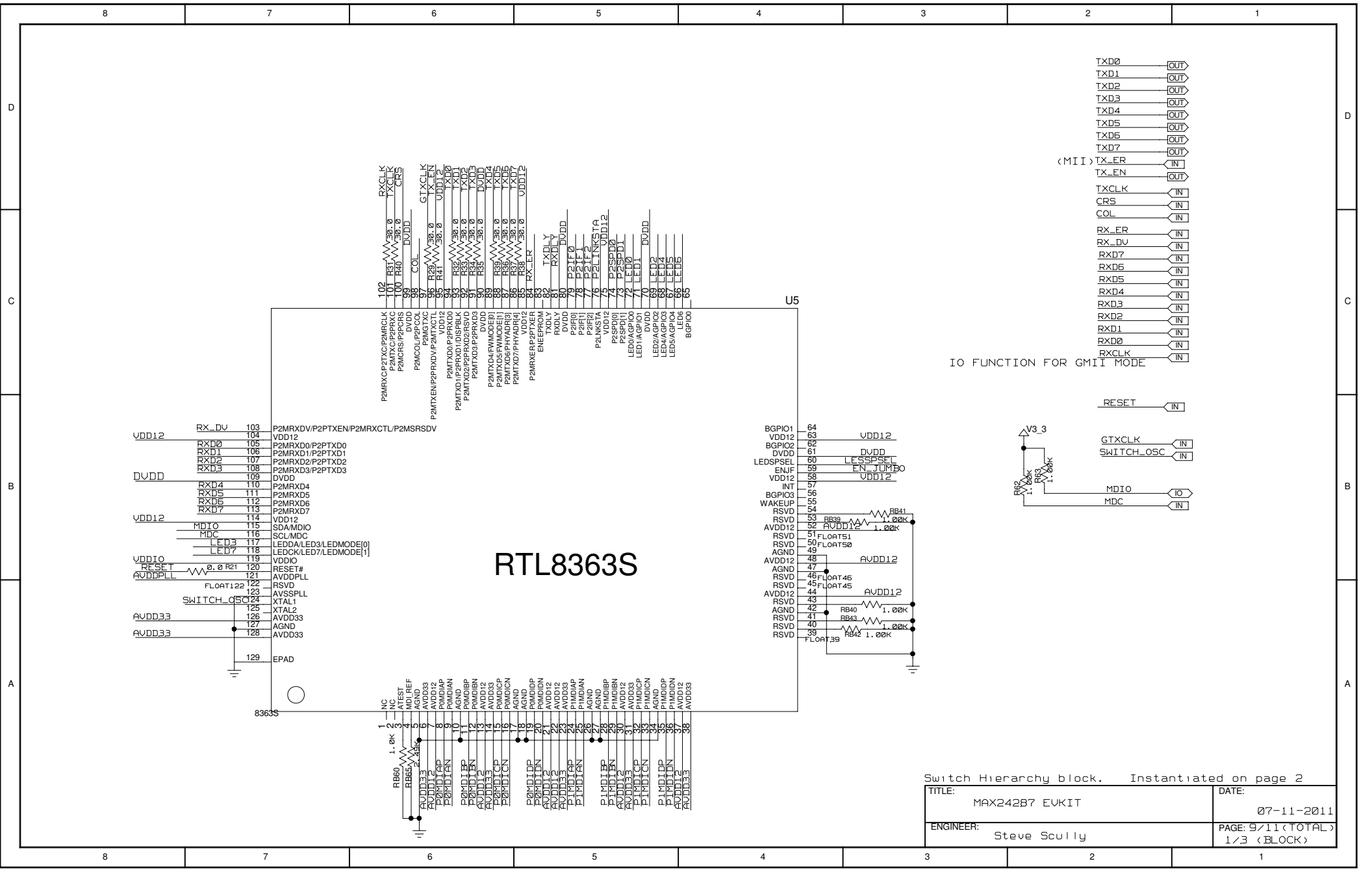


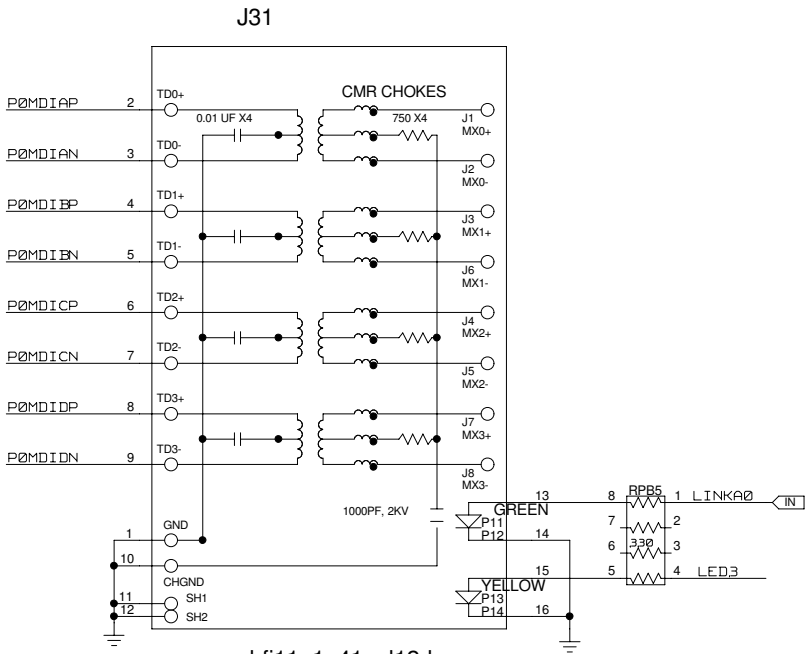
REV_A NOTE: UB1, UB8 AND U3 HAVE
REWORK TO CONNECT PIN 2 TO DUT_RST
THE REWORK IS IN THE FORM OF LIFTED PINS + 20 AWG WIRE
COMPONENT RN1 HAS BEEN ADDED TO PIN2 OF J7
THE SCHEMATIC HAS BEEN UPDATED TO MATCH THE PCB

Top level Hierarchy block

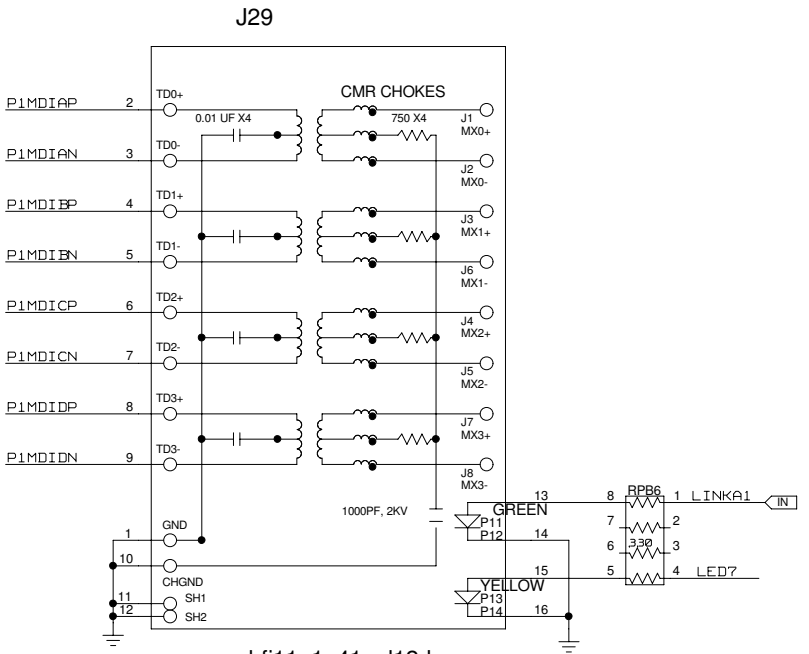
TITLE: MAX24287 EVKIT Rev_B	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 7/11(TOTAL) 8/8 (BLOCK)


JUMPER 1+3, 4+6 TO POWER FROM USB ONLY
V5_0
CONN_6P_U
VBUS
J6
C5 .1UF
CB22 4.7UF
CB18 .1UF
CB17 4.7UF
VDD
VDDAD
VREFH
VUSB33
MC9S08JM
U4
PTA0
PTA1
PTA2
PTA3
PTA4
PTA5
PTB0/MISO2/ADP0
PTB1/MOSI2/ADP1
PTB2/SPSCK2/ADP2
PTB3/SS2/ADP3
PTB4/KBIP4/ADP4
PTB5/KBIP5/ADP5
PTB6/ADP6
PTB7/ADP7
PTC0/SCL
PTC1/SDA
PTC2
PTC3/TXD2
PTC4
PTC5/RXD2
PTC6
RESET*
IRQ/TPMCLK
BKGD/MS
USBDP
USBDN
PROC_GPIO0
PROC_GPIO1
PROC_GPIO2
PROC_GPIO3
PROC_GPIO4
PROC_GPIO5
PROC_GPIO6
PROC_GPIO7
PROC_GPIO8
PROC_GPIO9
I2C_SCL_P
I2C_SDA_P
VBUSDET
RESET
PROC_INTREQ
BKGDMS
J5
CONN_6P_U
BKGDMS
RB6
10K
RB7
10.0K
J2
USB
VDD
DAT-
DAT+
GND
R2
33.2
R3
JB1
CONN_10P
V3_3
PTD0/ADP8/ACMP+
PTD1/ADP9/ACMP-
PTD2/KBIP2/ACMPO
PTD3/KBIP3/ADP10
PTD4/ADP11
PTD5
PTD6
PTD7
PTE0/TXD1
PTE1/RXD1
PTE2/TMP1CH0
PTE3/TPM1CH1
PTE4/MISO1
PTE5/MOSI1
PTE6/SPSCK1
PTE7/SS1
SPI1_MISO
SPI1_MOSI
SPI1_SCK
SPI1_CS
PTF0/TPM1CH2
PTF1/TPM1CH3
PTF2/TPM1CH4
PTF3/TPM1CH5
PTF4/TPM2CH0
PTF5/TPM2CH1
PTF6
PTF7
PTG0/KBIP0
PTG1/KBIP1
PTG2/KBIP6
PTG3/KBIP7
PTG4/XTAL
PTG5/EXTAL
VSS
VSSAD
VREFL
VSSOSC
12.0000MHZ
XB1
R8
1.00M
C7 22PF
C6 22PF
RB19
RB20
RB18
RB15
RB16
RB17
RB13
RB21
RB22
1K PULLUPS
MOUNTING HARDWARE
H1 H2 H3 H4 H5 H6 H7
Processor Hierarchy block. Instantiated on page 5
TITLE: MAX24287 EVKIT
DATE: 07-11-2011
ENGINEER: Steve Scully
PAGE: 8/11 (TOTAL)
1/1 (BLOCK)


RTL8363S
U5
8363S
IO FUNCTION FOR GMII MODE
(MII)
TXD0
TXD1
TXD2
TXD3
TXD4
TXD5
TXD6
TXD7
TX_ER
TX_EN
TXCLK
CRS
COL
RX_ER
RX_DV
RXD7
RXD6
RXD5
RXD4
RXD3
RXD2
RXD1
RXD0
RXCLK
RESET
V3_3
GTXCLK
SWITCH_OSC
MDIO
MDC
Switch Hierarchy block. Instantiated on page 2
TITLE: MAX24287 EVKIT
DATE: 07-11-2011
ENGINEER: Steve Scully
PAGE: 9/11 (TOTAL) 1/3 (BLOCK)



conn_hfj11_1g41e_l12rl



conn_hfj11_1g41e_l12rl

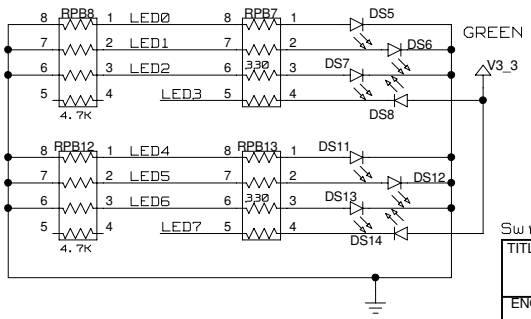
INDICATIONS FOR PARALLEL MODE0

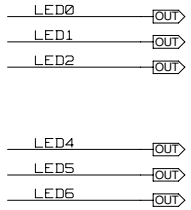
SWITCH0

LED0=GIG_LINK/ACT
LED1=100_LINK/ACT
LED2=10_LINK/ACT
LED3=DUP/COL

SWITCH1

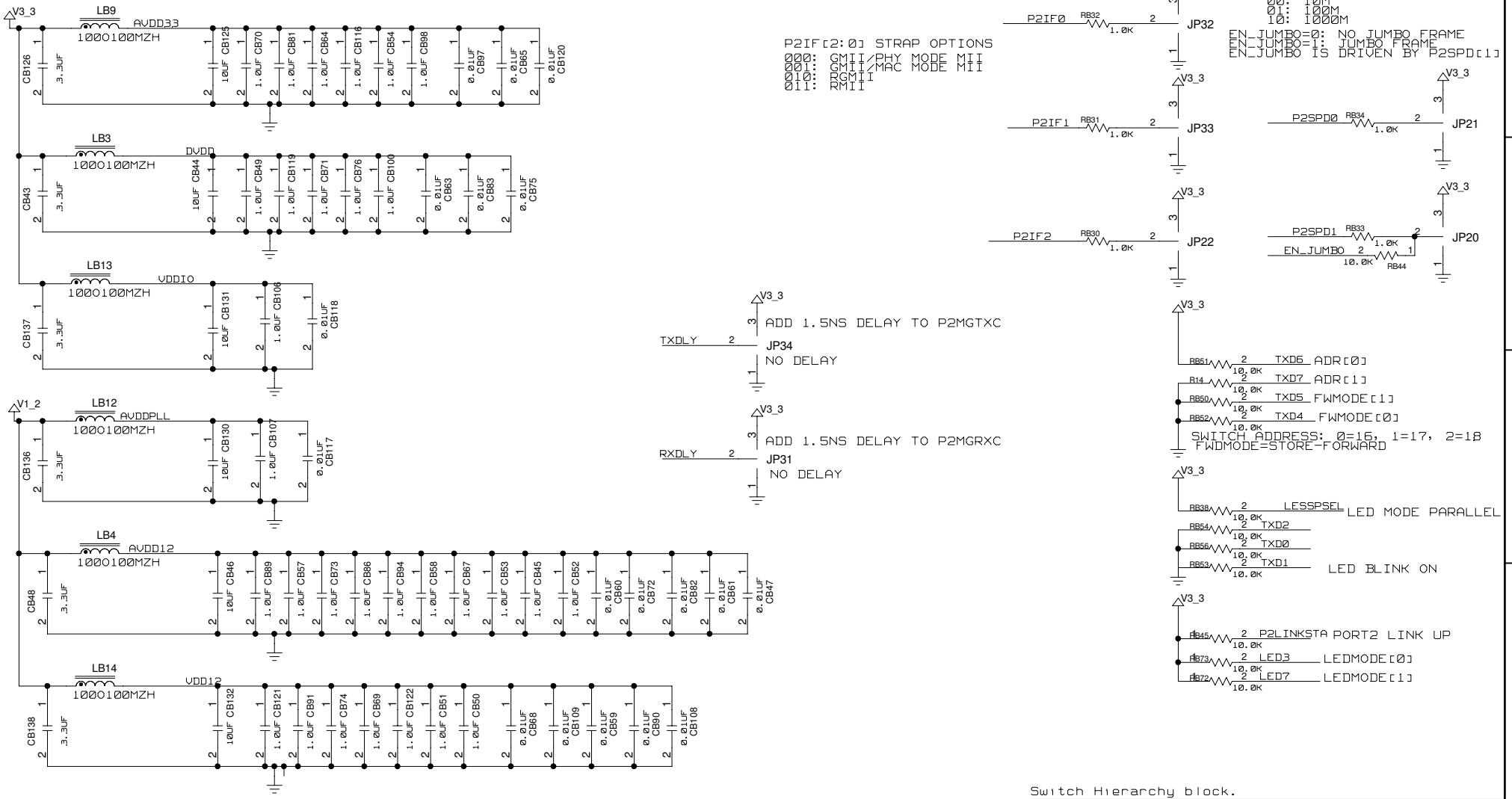
LED4=GIG_LINK/ACT
LED5=100_LINK/ACT
LED6=10_LINK/ACT
LED7=DUP/COL





Switch Hierarchy block.

TITLE: MAX24287 EVKIT	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 10/11 (TOTAL) 2/3 (BLOCK)



Switch Hierarchy block.

TITLE: MAX24287 EVKIT	DATE: 07-11-2011
ENGINEER: Steve Scully	PAGE: 11/11 (TOTAL) 3/3 (BLOCK)