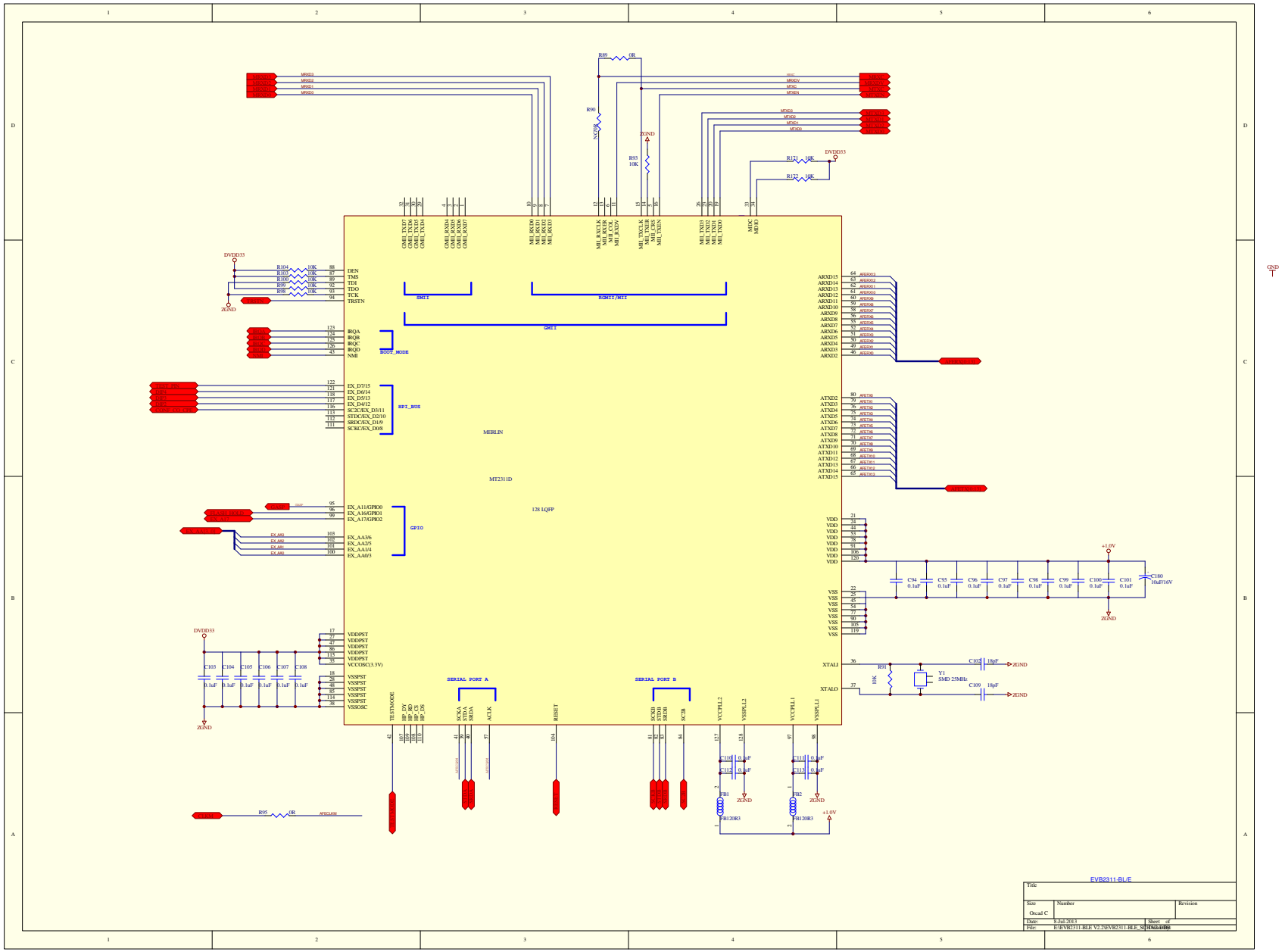
MERLIN
MT2311D
128 LQFP
SMII
RGMII/MII
GMII
MODE_MODE
SPI_BOS
GPIO
SERIAL PORT A
SERIAL PORT B
DVDD33
ZGND
+1.0V
Y1
SMD 25MHz
C102 18pF
C109 18pF
R91 10K
R90 NC/0K
R93 10K
R80 0R
R121 10K
R122 10K
R95 0R
C94 0.1uF
C95 0.1uF
C96 0.1uF
C97 0.1uF
C98 0.1uF
C99 0.1uF
C100 0.1uF
C101 0.1uF
C180 10uF/16V
C103 0.1uF
C104 0.1uF
C105 0.1uF
C106 0.1uF
C107 0.1uF
C108 0.1uF
C110 0.1uF
C112 0.1uF
C111 0.1uF
C113 0.1uF
FB1 FB120R3
FB2 FB120R3
DEN
TMS
TDI
TDO
TCK
TRSTN
IRQA
IRQB
IRQC
IRQD
NMI
EX_D7/15
EX_D6/14
EX_D5/13
EX_D4/12
SC2C/EX_D3/11
STOC/EX_D2/10
SRDC/EX_D1/9
SCKC/EX_D0/8
EX_A11/GPIO0
EX_A16/GPIO1
EX_A17/GPIO2
EX_AA3/6
EX_AA2/5
EX_AA1/4
EX_AA0/3
VDDPST
VSSPST
VSSOSC
XTALI
XTALO
TESTMODE
HP_DY
HP_RD
HP_CS
HP_DS
SCKA
SDTA
SDWA
ACLK
RESET
SCKB
SDTB
SDEB
SC2B
VCCPLL2
VSSPLL2
VCCPLL1
VSSPLL1
ARXD15
ARXD14
ARXD13
ARXD12
ARXD11
ARXD10
ARXD9
ARXD8
ARXD7
ARXD6
ARXD5
ARXD4
ARXD3
ARXD2
ATXD2
ATXD3
ATXD4
ATXD5
ATXD6
ATXD7
ATXD8
ATXD9
ATXD10
ATXD11
ATXD12
ATXD13
ATXD14
ATXD15
VDD
VSS
MRXD3
MRXD2
MRXD1
MRXD0
MRXDV
MRXC
MTXEN
MTXD3
MTXD2
MTXD1
MTXD0
MTXC
MDIO
GMII_TXD7
GMII_TXD6
GMII_TXD5
GMII_TXD4
GMII_RXD4
GMII_RXD5
GMII_RXD6
GMII_RXD7
MII_RXD0
MII_RXD1
MII_RXD2
MII_RXD3
MII_RXCLK
MII_RXDB
MII_RXDA
MII_RXDV
MII_TXCLK
MII_TXER
MII_TXEN
MII_TXD3
MII_TXD2
MII_TXD1
MII_TXD0
MDC
MDIO
EVB2311-BLE
Title
Size
Orcad C
Number
Revision
Date: 8-Jul-2013
File: E:\EVB2311-BLE V2.5\EVB2311-BLE_SCH.DSN
Sheet of