

RJ11
xDSL

xDSL

Metanoia
AFE
MT3302_ba_1

AFETX/AFERX[0:13]

Metanoia
DMT
MT2311D

MII

ATHEROS
AR8236
10/100 Base-T

RJ45
LAN

METANOIA

Title

EVB2311-BL/E

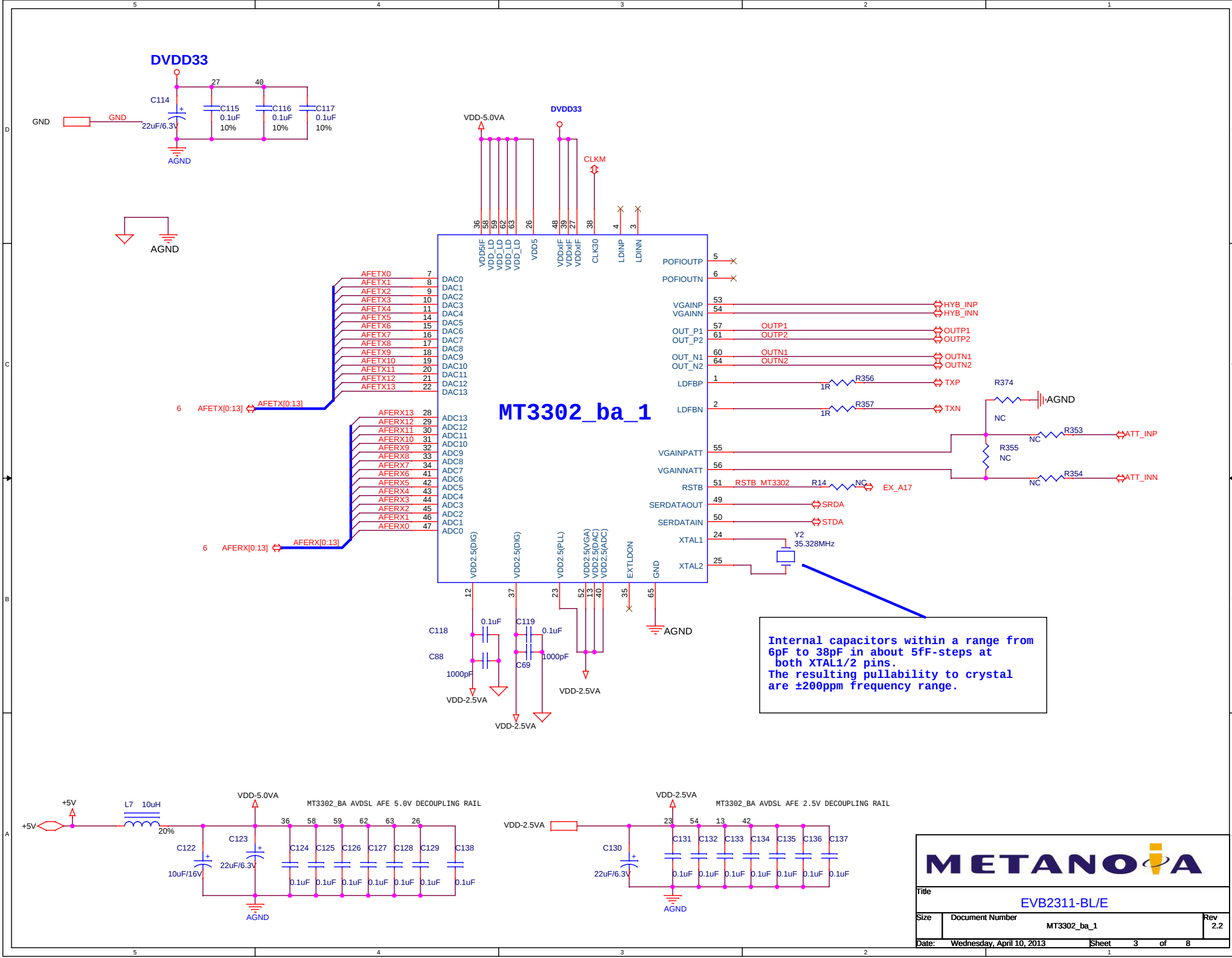
Size
A

Document Number
Function Diagram

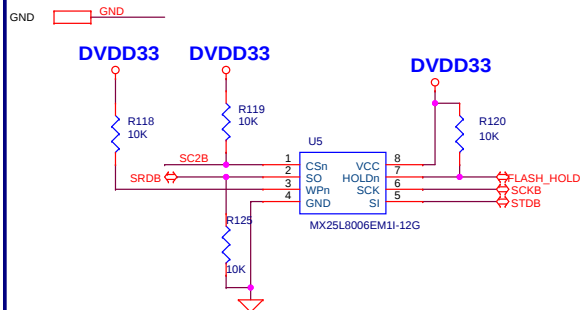
Rev
2.2

Date: Wednesday, April 10, 2013

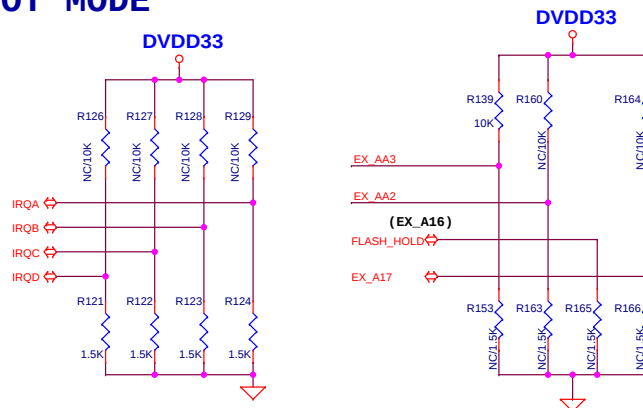
Sheet 1 of 8



SPI Flash BOOTLOAD



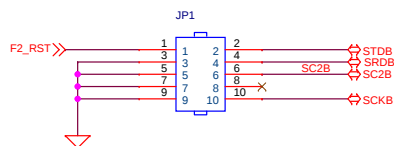
BOOT MODE



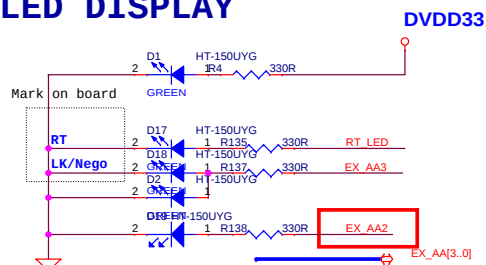
MT2311 Boot Up Strapping

Pin Name	Description	Value=0	Value=1
EX_AA3	BIST	Disable	✓ Enable
IRQ[A,B,C,D]	BOOT FROM	✓ 0000 : SPI flash 1110 : 8bit HPI mode(CPU) 0101 : EBM Mode 0010 : SPI Slave Mode	
EX_[A17,A16]	EBM BOOT MII mode	00 : SMII 01 : MII 10 : GMII 11 : RGMII	
EX_A16	HPI Mode	8 bit mode	24 bit mode
EX_A17	HPI Mode	single strobe	dual strobe
EX_A17	SPI Slave Mode	HPI	SPI

SPI Flash Programmer/EYEBOX CONNECTOR

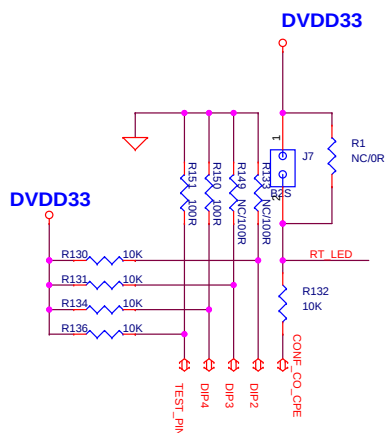


LED DISPLAY



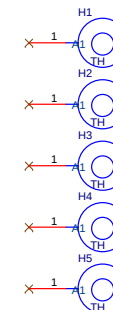
LK/Nego LED:VDSL status led

Idle: slow blinking
 Training: fast blinking
 Showtime: continuous light
 Packet transmit :fast blinking(option)



DIP SWITCH PROFILE SETTING

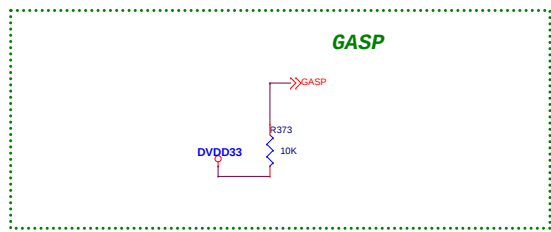
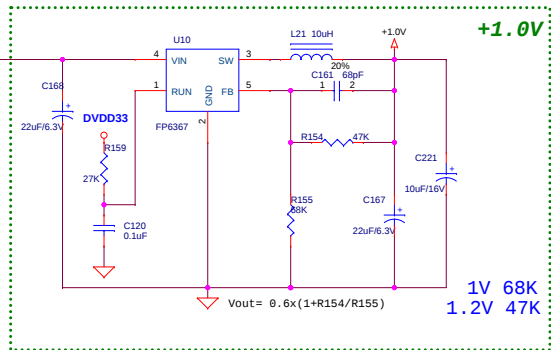
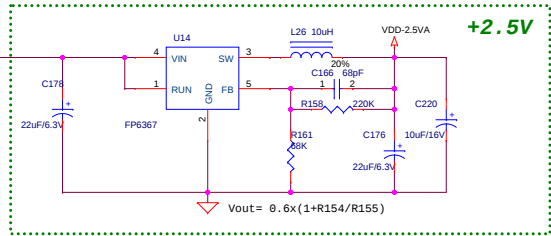
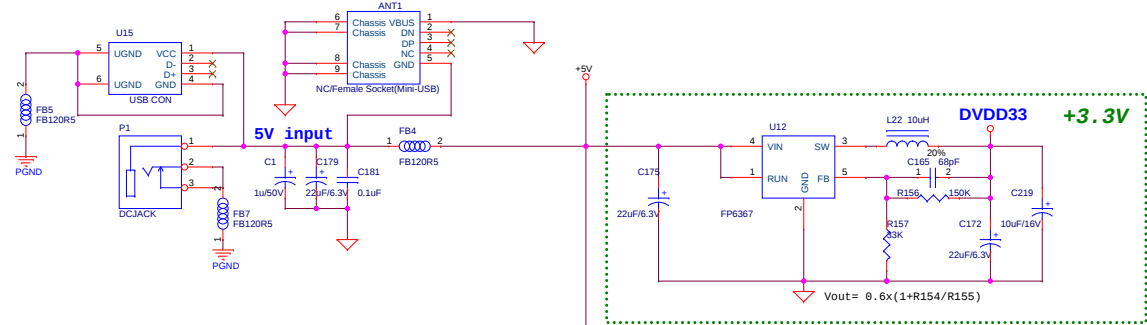
DIP1 (Side)	DIP2-DIP3 (profile)	DIP4 (SNR margin)	DIP5
Off:C0 On:CPE	Off-Off:AnnexA-30a(default) On-Off:AnnexA-17a Off-On:AnnexB-30a-997 On-On:AnnexB-17a-997	Off:9dB On:6dB	Reserve



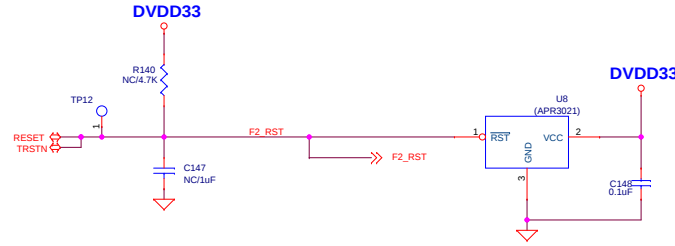
METANOIA

File: EVB2311-BL/E

Size: Custom
 Document Number: Configuration
 Date: Wednesday, April 10, 2013
 Sheet: 5 of 8
 Rev: 2.2



Reset Control



Revision History

EV2311-BLE V2.1	.Remove C191,C196 .add R91_10K (on the second page)
EV2311-BLE V2.2	.add D27 (on the four page) .Modify C190,C197 value to 6.8nF (on the four page) .Modify L25 value to 150 uH (on the four page)

