

8

7

6

5

4

3

2

1

DWG. NO. LPCX5411x QFP64

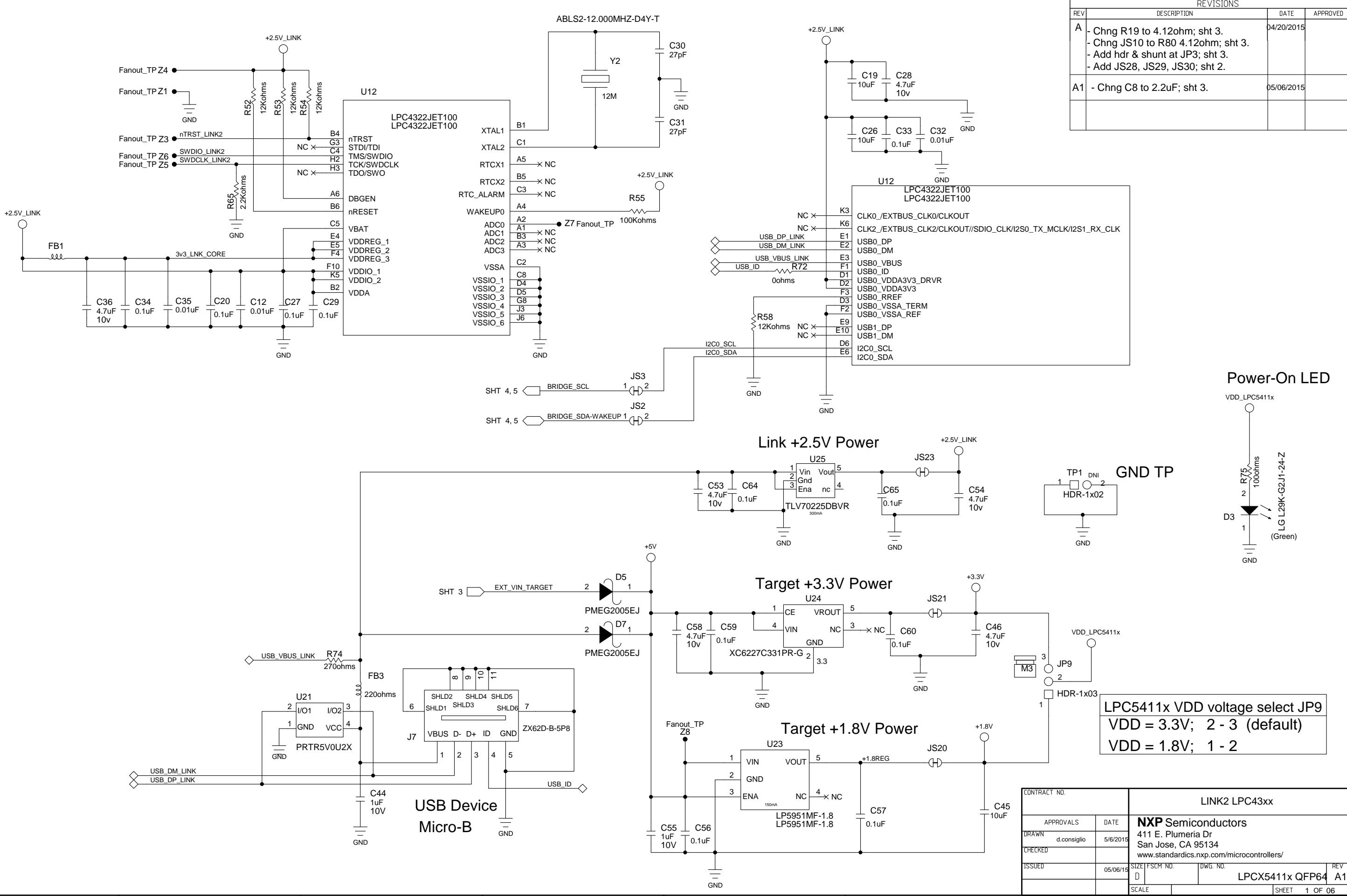
SH

1

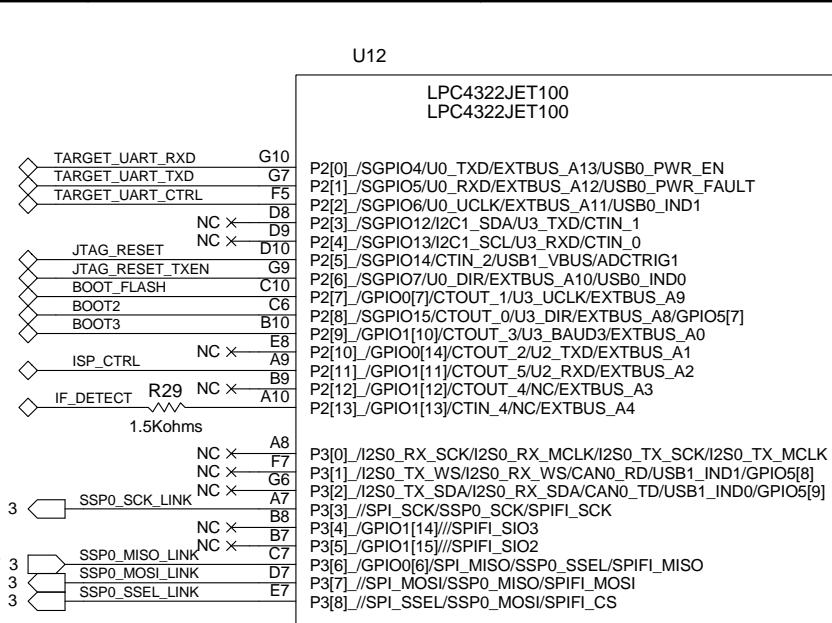
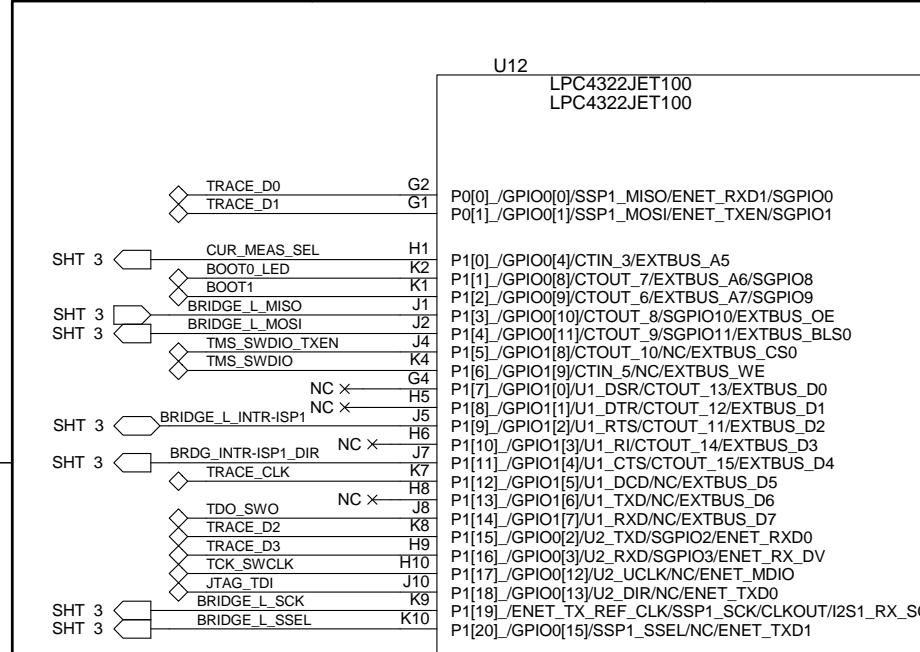
REV A1

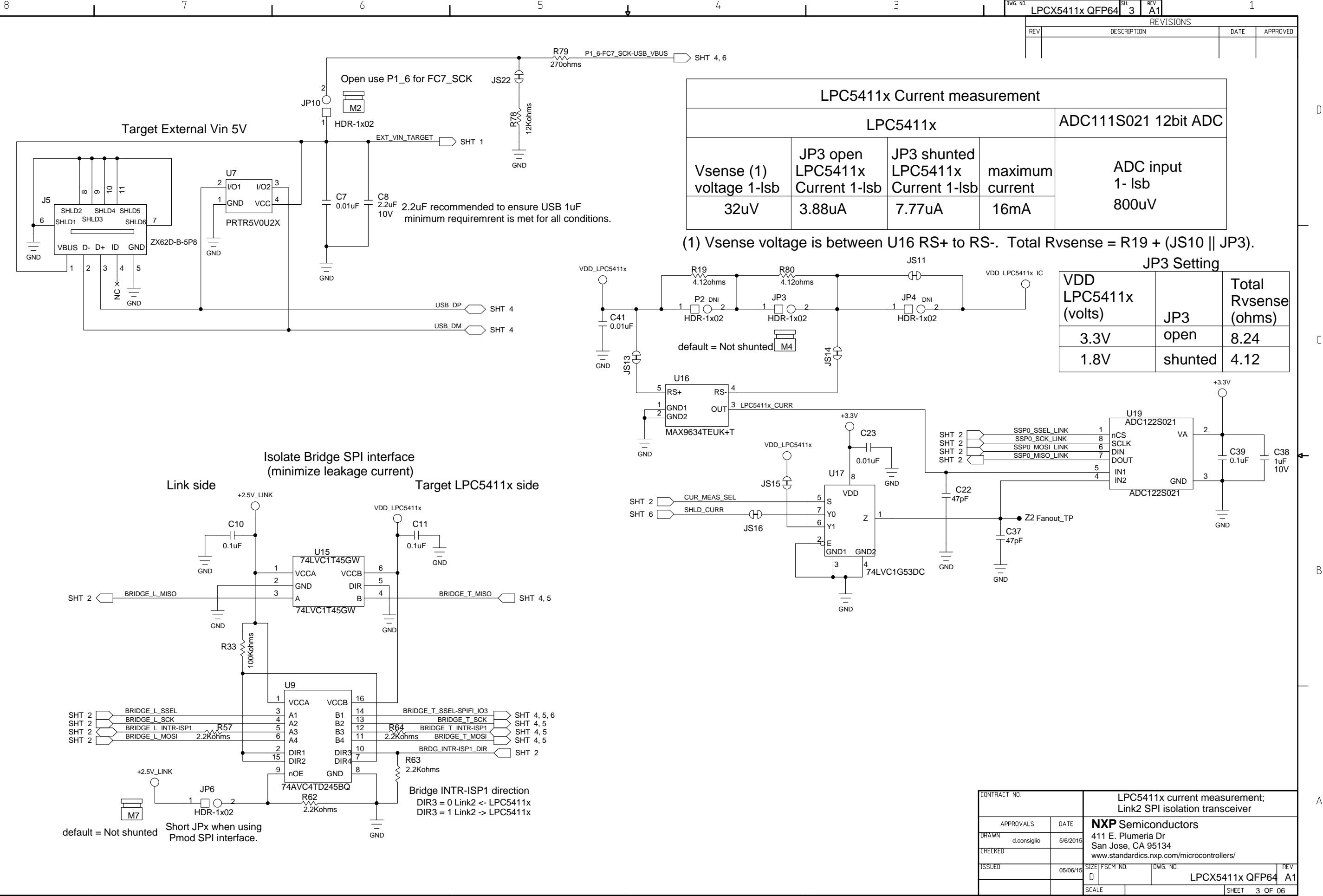
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	- Chng R19 to 4.12ohm; sht 3. - Chng JS10 to R80 4.12ohm; sht 3. - Add hdr & shunt at JP3; sht 3. - Add JS28, JS29, JS30; sht 2.	04/20/2015	
A1	- Chng C8 to 2.2uF; sht 3.	05/06/2015	

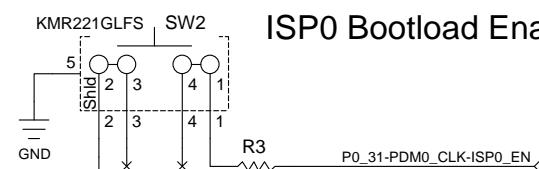
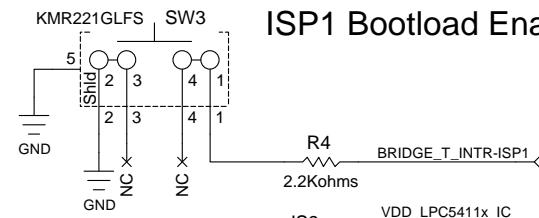


REV	DESCRIPTION	DATE	APPROVED

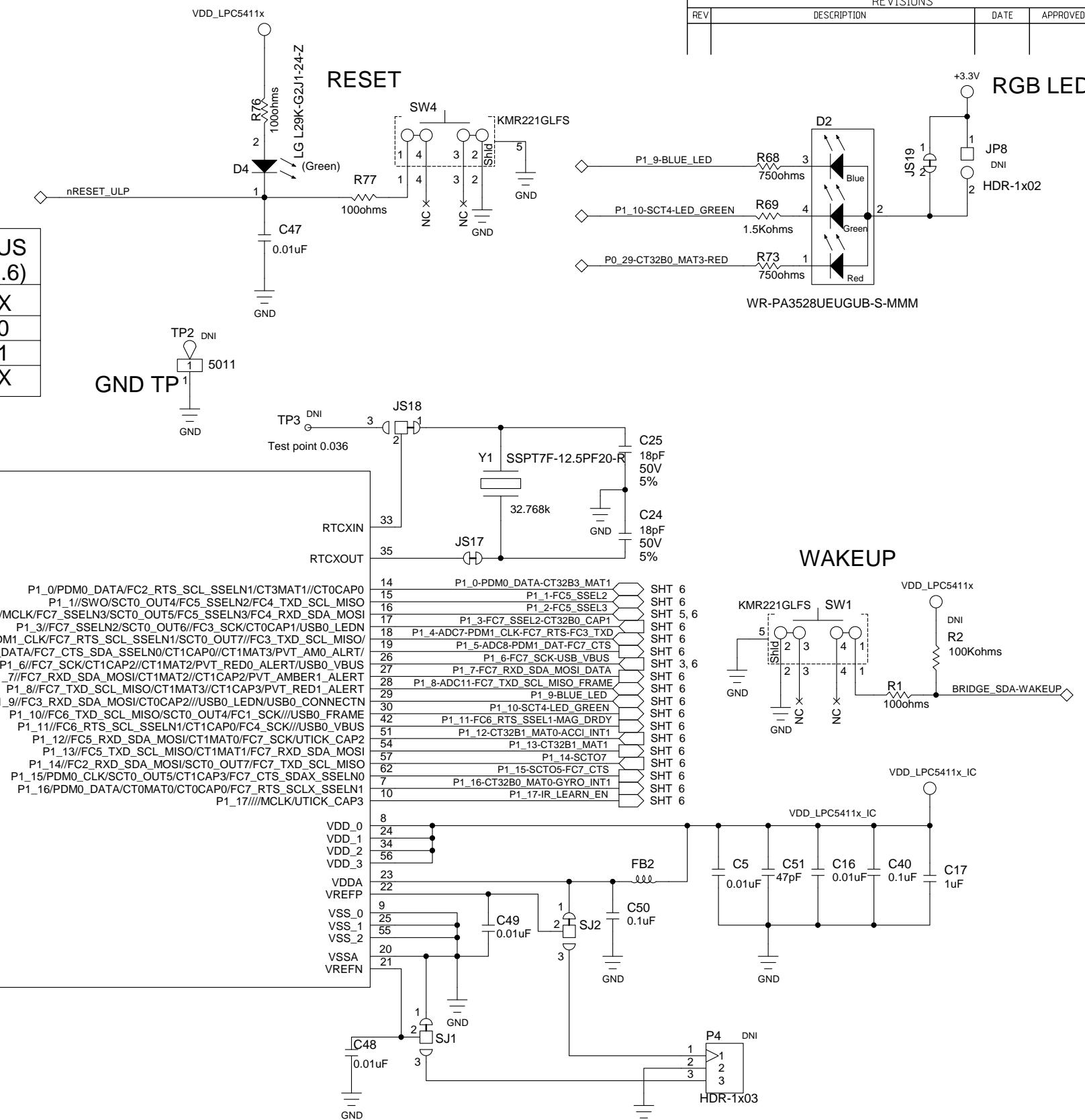
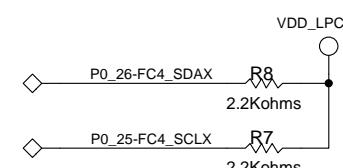
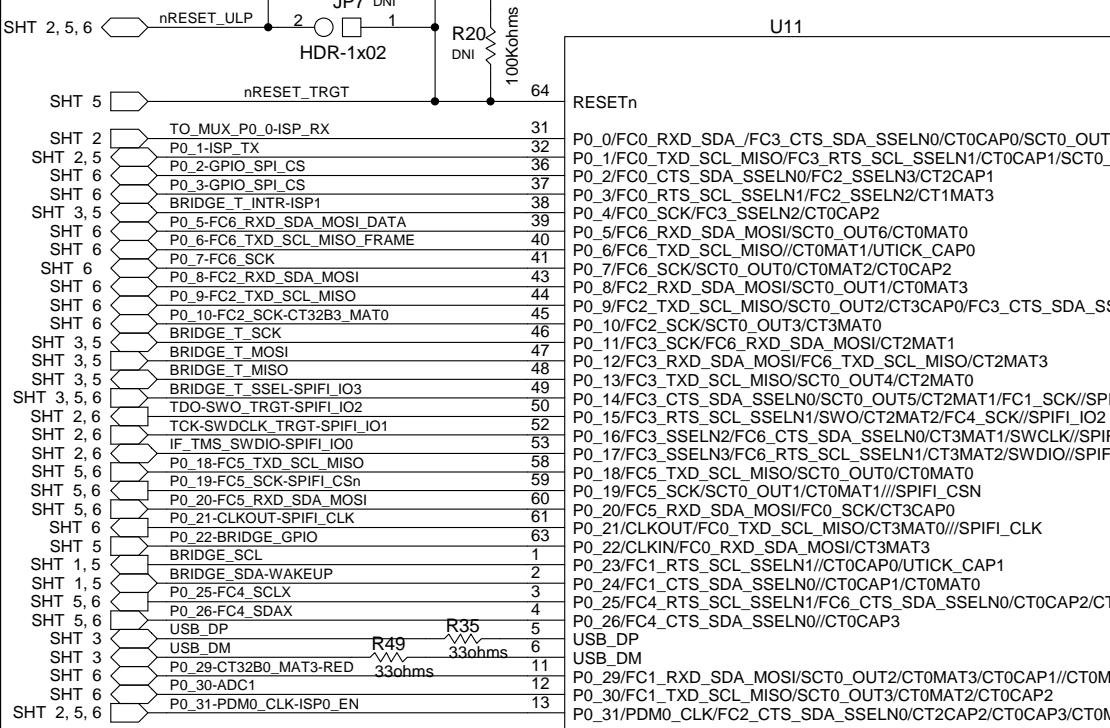




REV	DESCRIPTION	DATE	APPROVED

ISP0 Bootload Enable**ISP1 Bootload Enable**

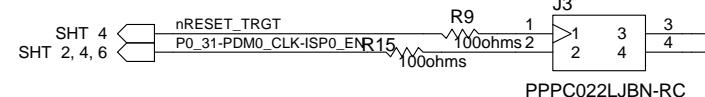
Boot Modes	ISP0 (P0.31)	ISP1 (P0.4)	VBUS (P1.6)
I2C/SPI boot	0	0	X
UART boot	0	1	0
USB MSC boot	0	1	1
FLASH boot	1	X	X



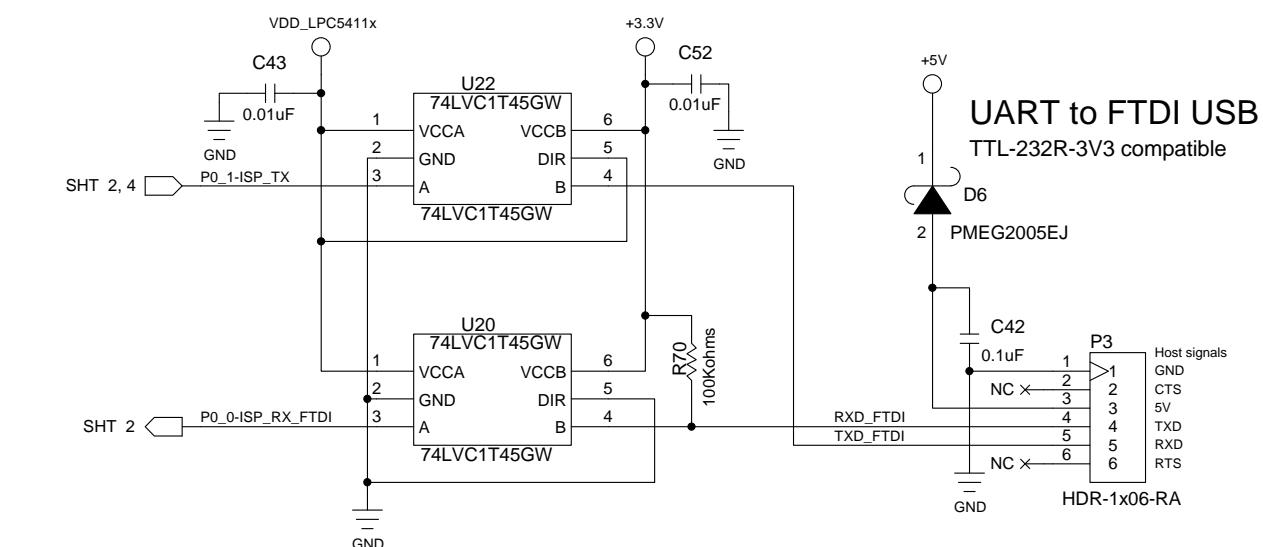
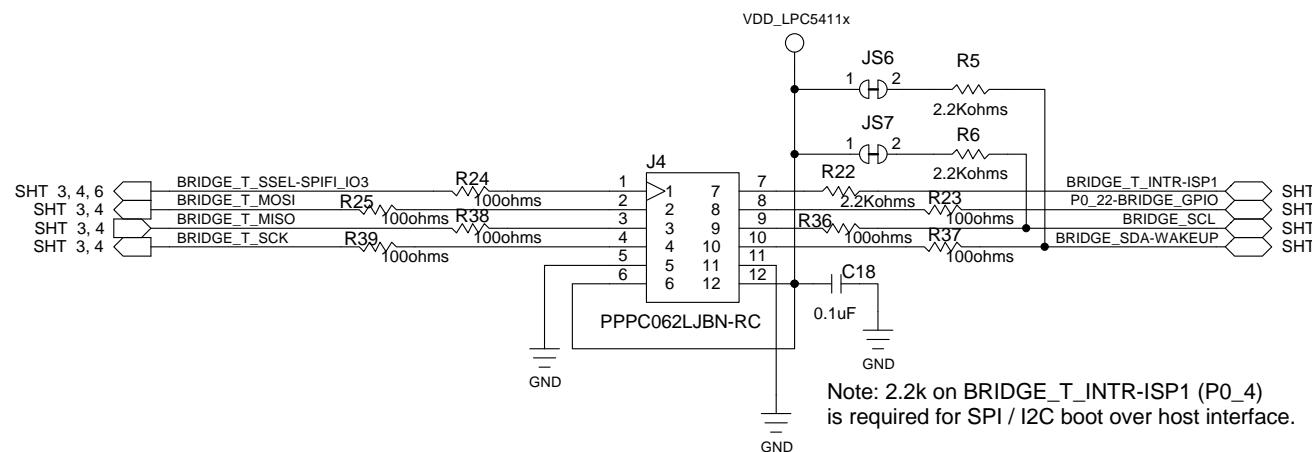
CONTRACT NO.		Target LPC5411x LQFP64	
APPROVALS	DATE	NXP Semiconductors	
DRAWN d.consiglio	4/21/2015	411 E. Plumeria Dr	
CHECKED		San Jose, CA 95134	
ISSUED	05/06/15	www.standards.nxp.com/microcontrollers/	
		LPCX5411x QFP64	A1
SCALE		SHEET	4 OF 06

REV	DESCRIPTION	DATE	APPROVED

LPC5411x AP control port
(AP must drive open-drain)

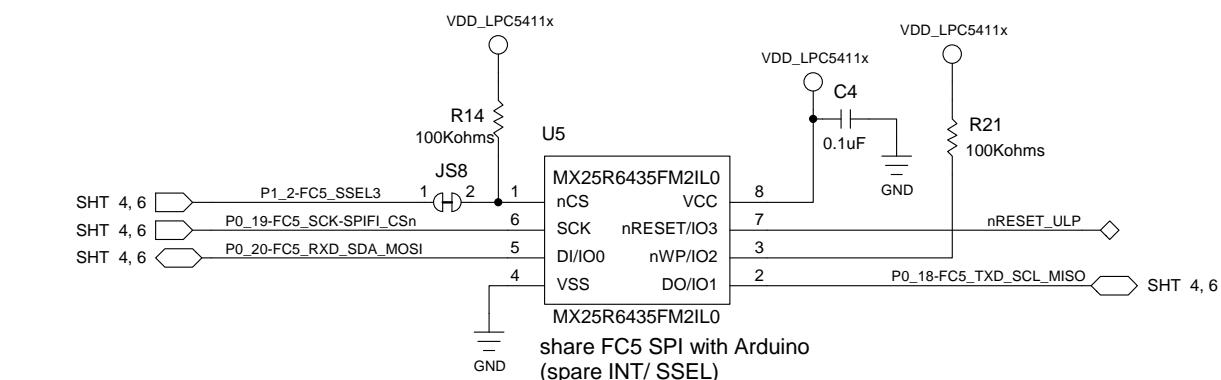
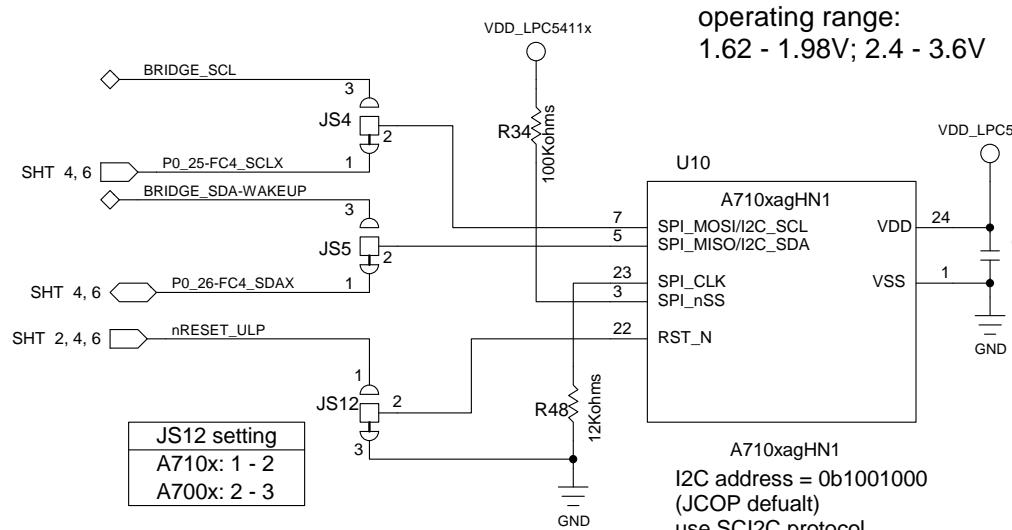


SPI / I2C bridge header (Pmod compatible)



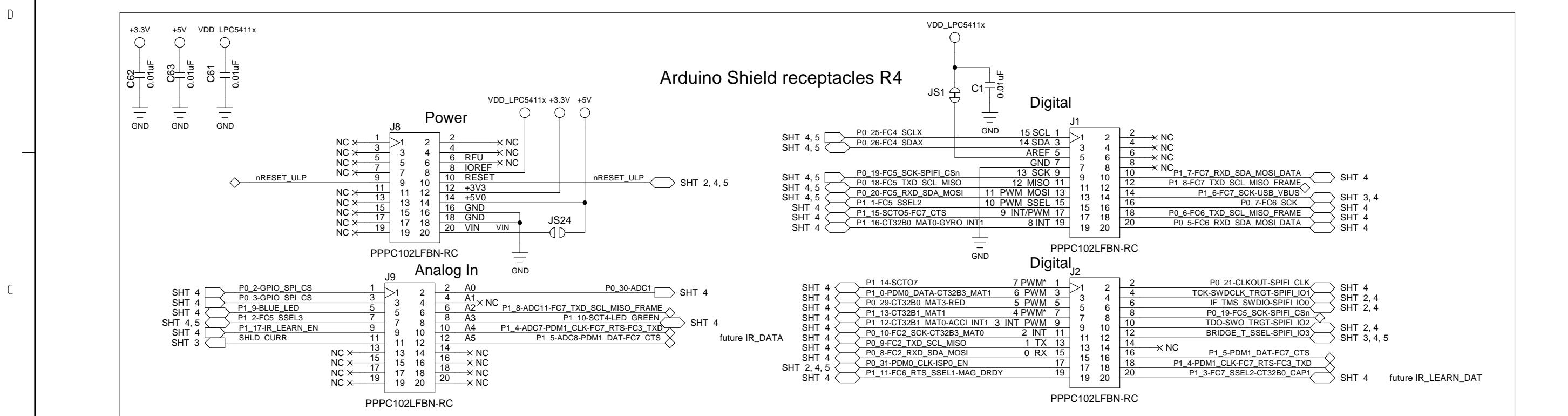
NXP A700x / A71x secure MCU

operating range:
1.62 - 1.98V; 2.4 - 3.6V

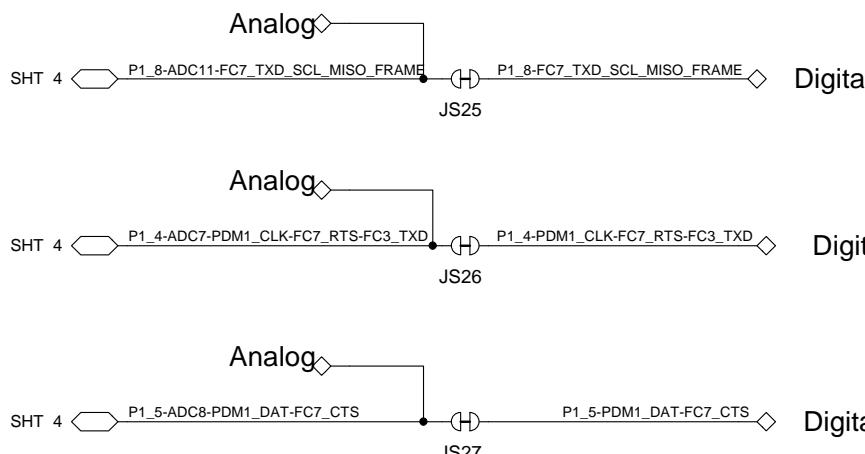


CONTRACT NO.		Pmod / FTDI / SecElem / SPI Flash	
APPROVALS	DATE		
DRAWN	d.consiglio	4/21/2015	
CHECKED			
ISSUED	05/06/15		
		FSCM NO.	DWG. NO.
		LPCX5411x QFP64	A1
		SCALE	5 OF 06

REV	DESCRIPTION	DATE	APPROVED



B Board solder jumpers
Digital function by default



CONTRACT NO.		Arduino Interface	
APPROVALS	DATE	NXP Semiconductors	
DRAWN d.consiglio	4/21/2015	411 E. Plumeria Dr	
CHECKED		San Jose, CA 95134	
ISSUED	05/06/15	www.standardics.nxp.com/microcontrollers/	
		SIZE FSCM NO.	DWG. NO.
		D	LPCX5411x QFP64 A1
		SCALE	6 OF 06