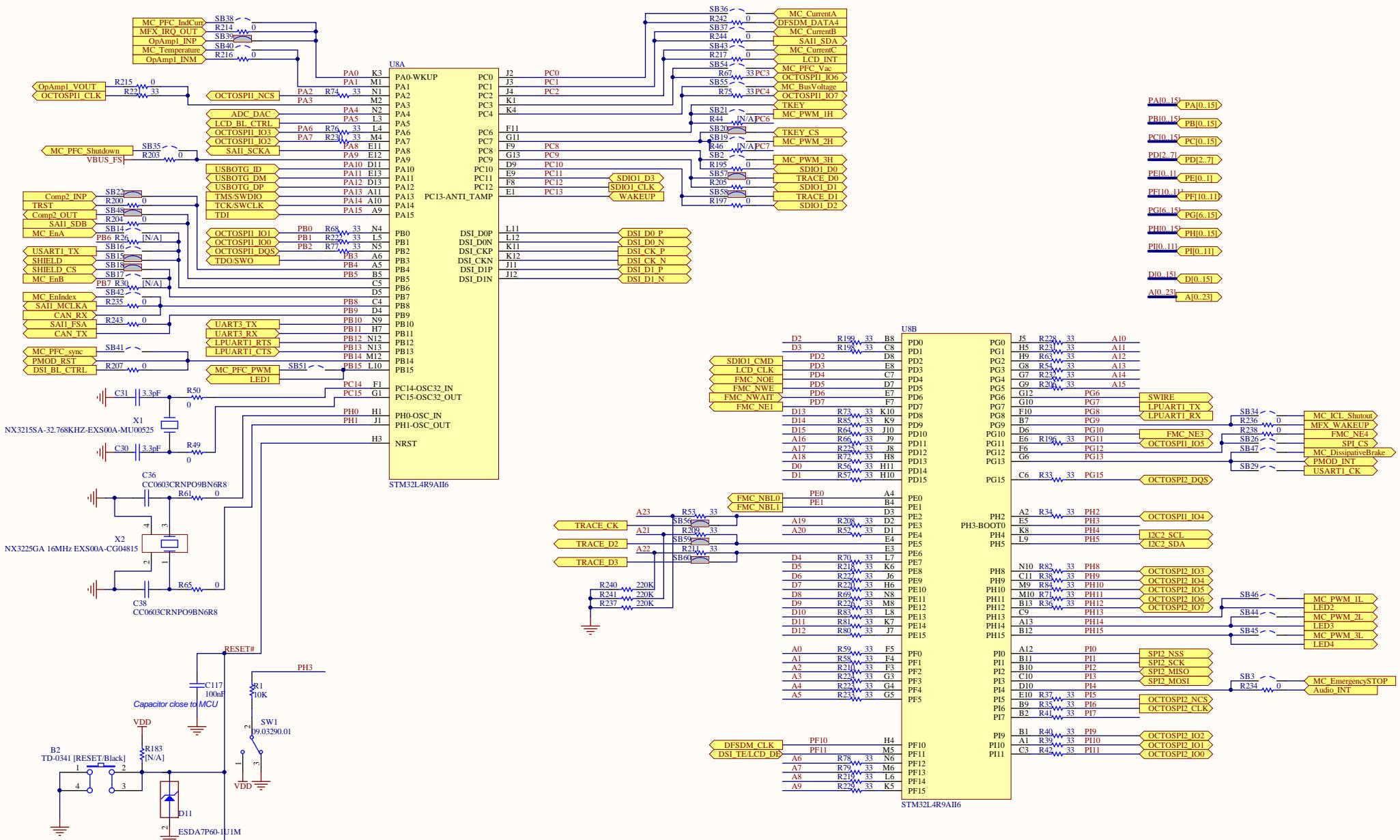
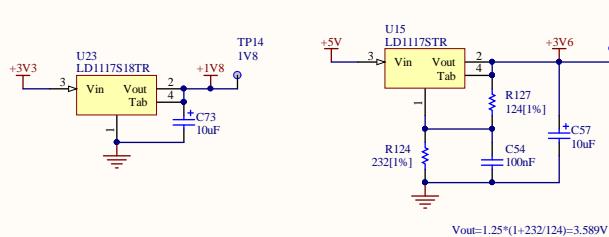
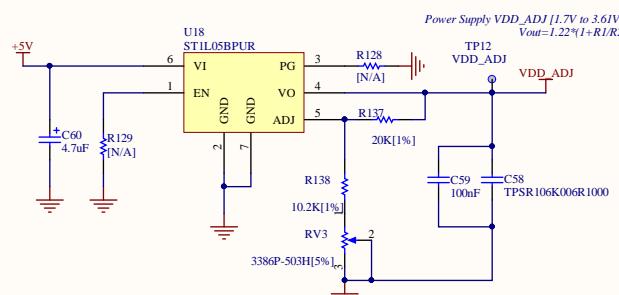
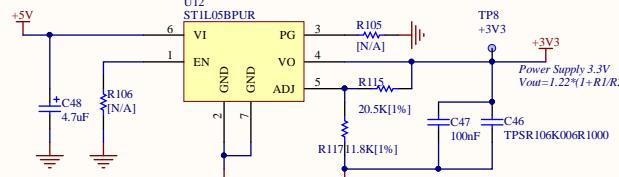
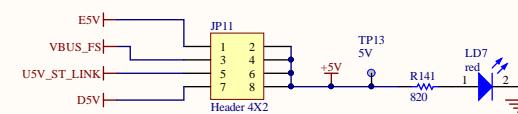
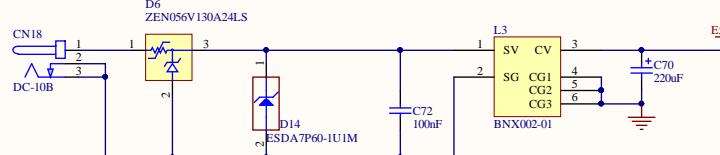
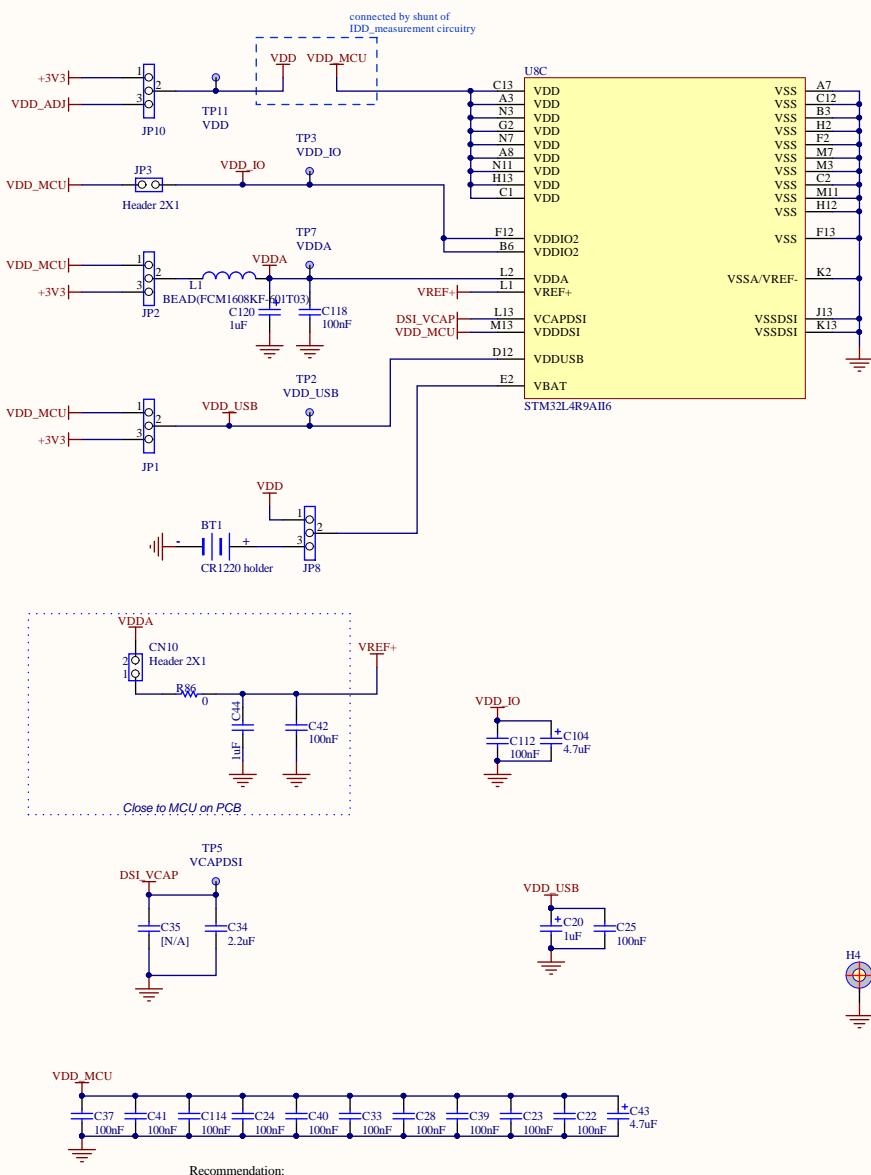


Rev B1:
 1. open U4 pin5 and add D15
 2. update X2 part number
 3. C30 and C31 changed to 3.3pF
 4. change H1 and H4 size of footprint to C9D4.5
 5. Update P10, U19 and U20 ESDALC6V1W5 with new footprint
 6. add D11, D12, D13 for key and joystick button ESD protection
 7. update Z1 to D14 ESDA7P60-1U1M
 8. LED L1
 LD1 → LD5
 LD2 → LD6
 LD3 → LD7
 LD4 → LD8
 LD5 → LD4
 LD6 → LD3
 LD7 → LD2
 LD8 → LD1

Title: MB1313	Project: STM32L4Rx-EVAL	Revision: B.1
Size: A3	Reference: MB1313	
Date: 10/18/2017	Sheet: 1 of 16	life.aumentec

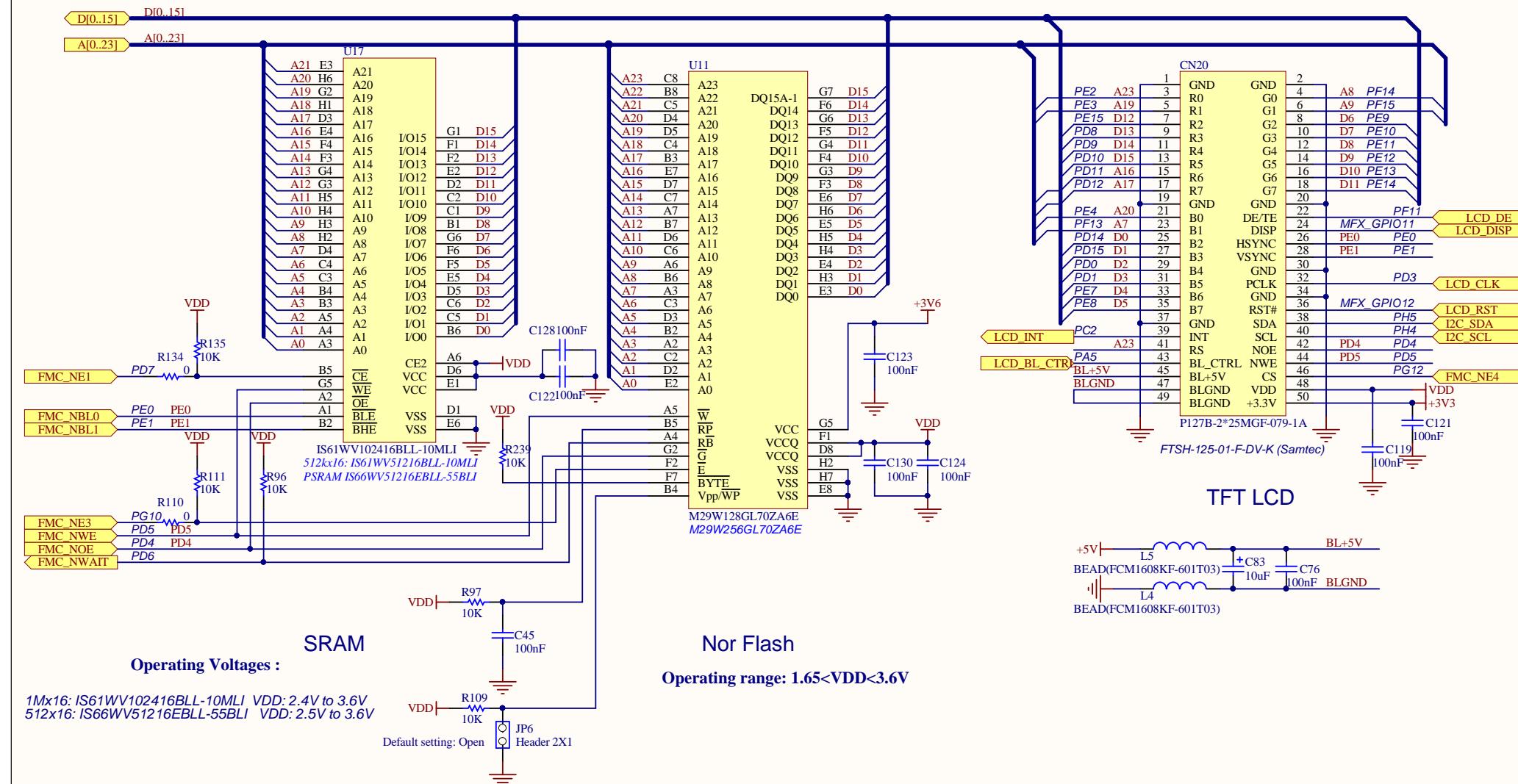


Title: MCU		
Project: STM32L4Rx-EVAL		
Size: A3	Reference: MB1313	Revision: B.1
Date: 10/18/2017	Sheet: 2	of 16



Title: Power		
Project: STM32L4Rx-EVAL		
Size: A3	Reference: MB1313	Revision: B.1
Date: 7/12/2017	Sheet: 3 of 16	life.auamentec





Title: Memory & TFT LCD

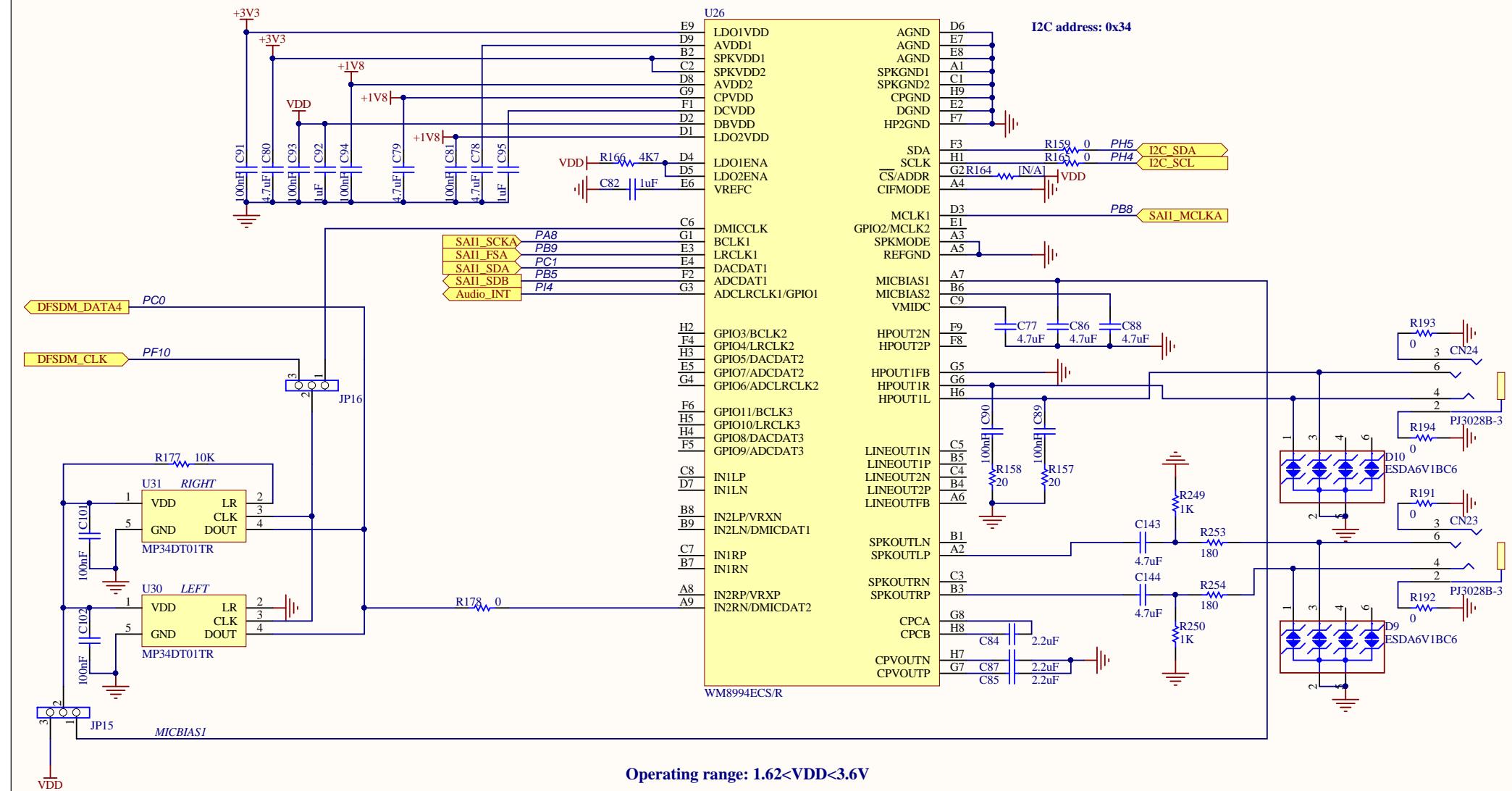
Project: STM32L4Rx-EVAL

Size: A4 Reference: MB1313 Revision: B.1

Date: 3/31/2017

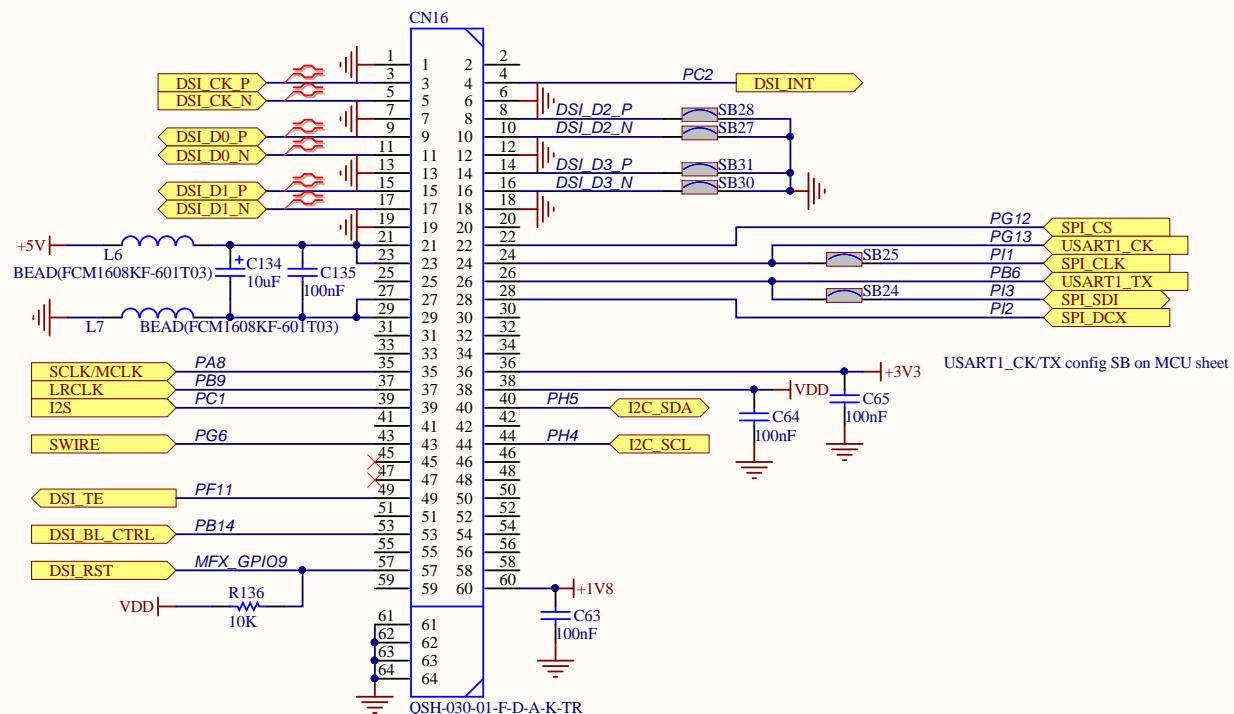


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Title: Audio		
Project: STM32L4Rx-EVAL		
Size: A4	Reference: MB1313	Revision: B.1
Date: 4/19/2017		Sheet: 5 of 16

DSI LCD

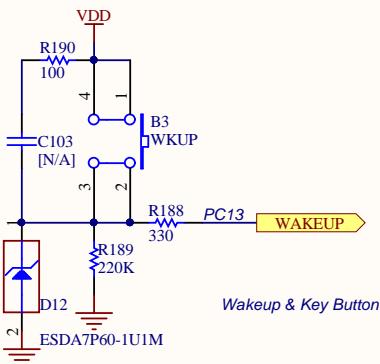


Operating range:

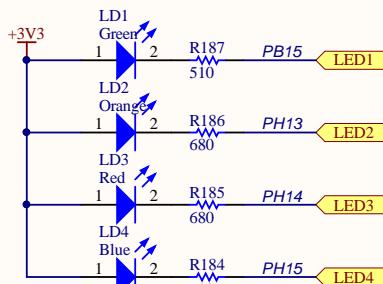
1. GVO LCD IEG1120TB103GF-001 works at $1.65V < VDD < 3.3V$
2. MB1166 board works at $VDD = 3.3V$ only

Title: DSI LCD connector		
Project: STM32L4Rx-EVAL		
Size: A4	Reference: MB1313	Revision: B.1
Date: 7/12/2017	Sheet: 6	of 16

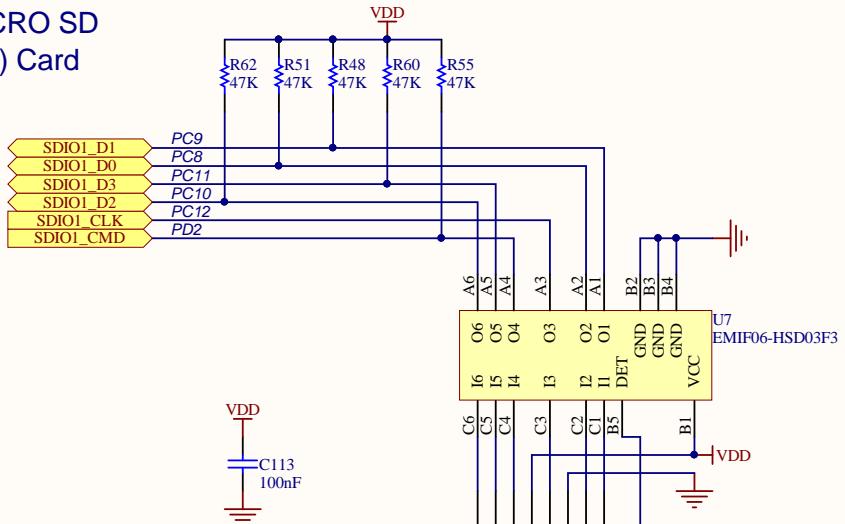
Buttons



LEDs

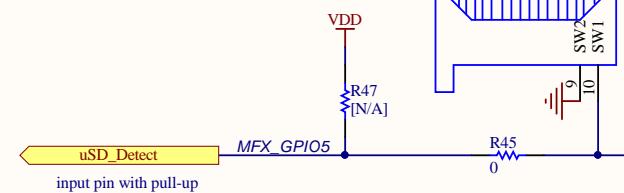


MICRO SD (TF) Card

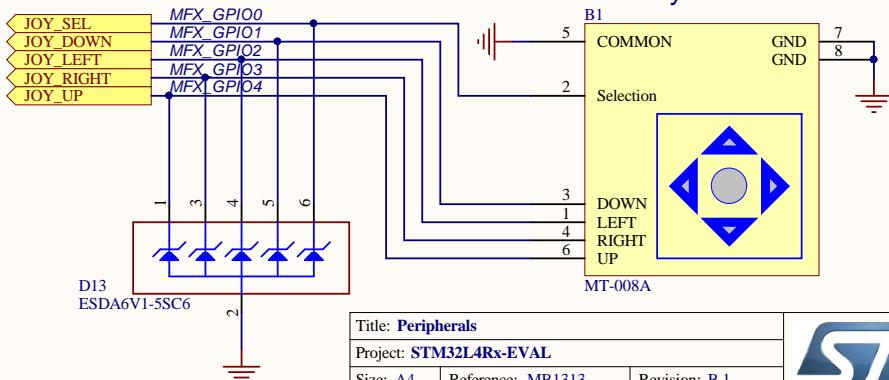


MicroSD card

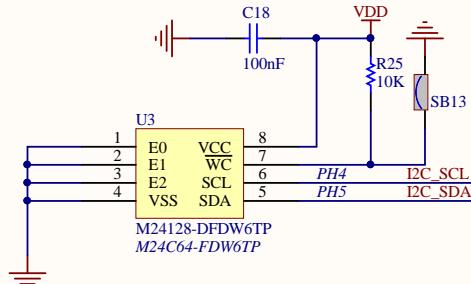
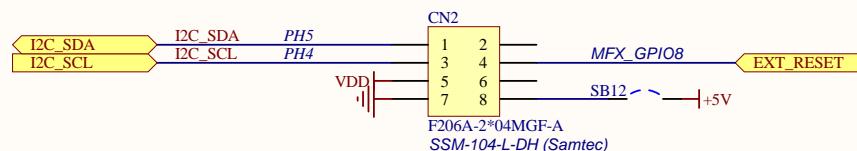
Operating Voltage: VDD no Lower than 2.7V



Joystick



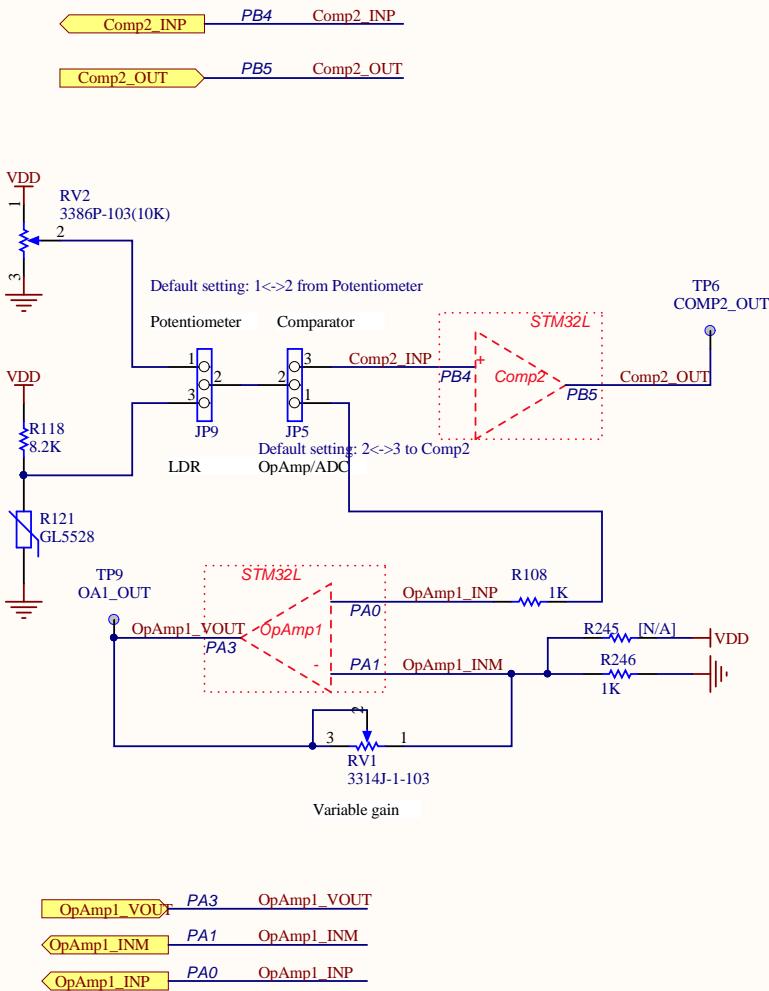
EXT_I2C Connector



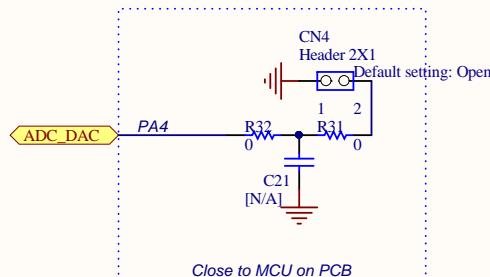
I2C EEPROM

I2C address: 0xA0

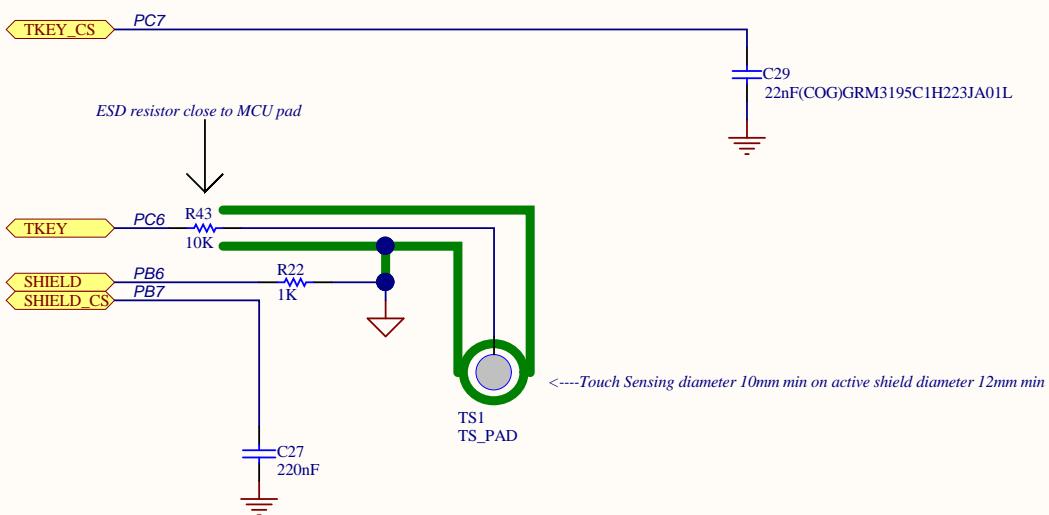
operating voltage ranges:
1MHz 64Kbit I2C memory M24C64-FDW6TP: 1.7 to 5.5V
1MHz 128Kbit I2C memory M24128-DFDW6TP: 1.7 to 5.5V



Potentiometer/LDR



ADC&DAC connector

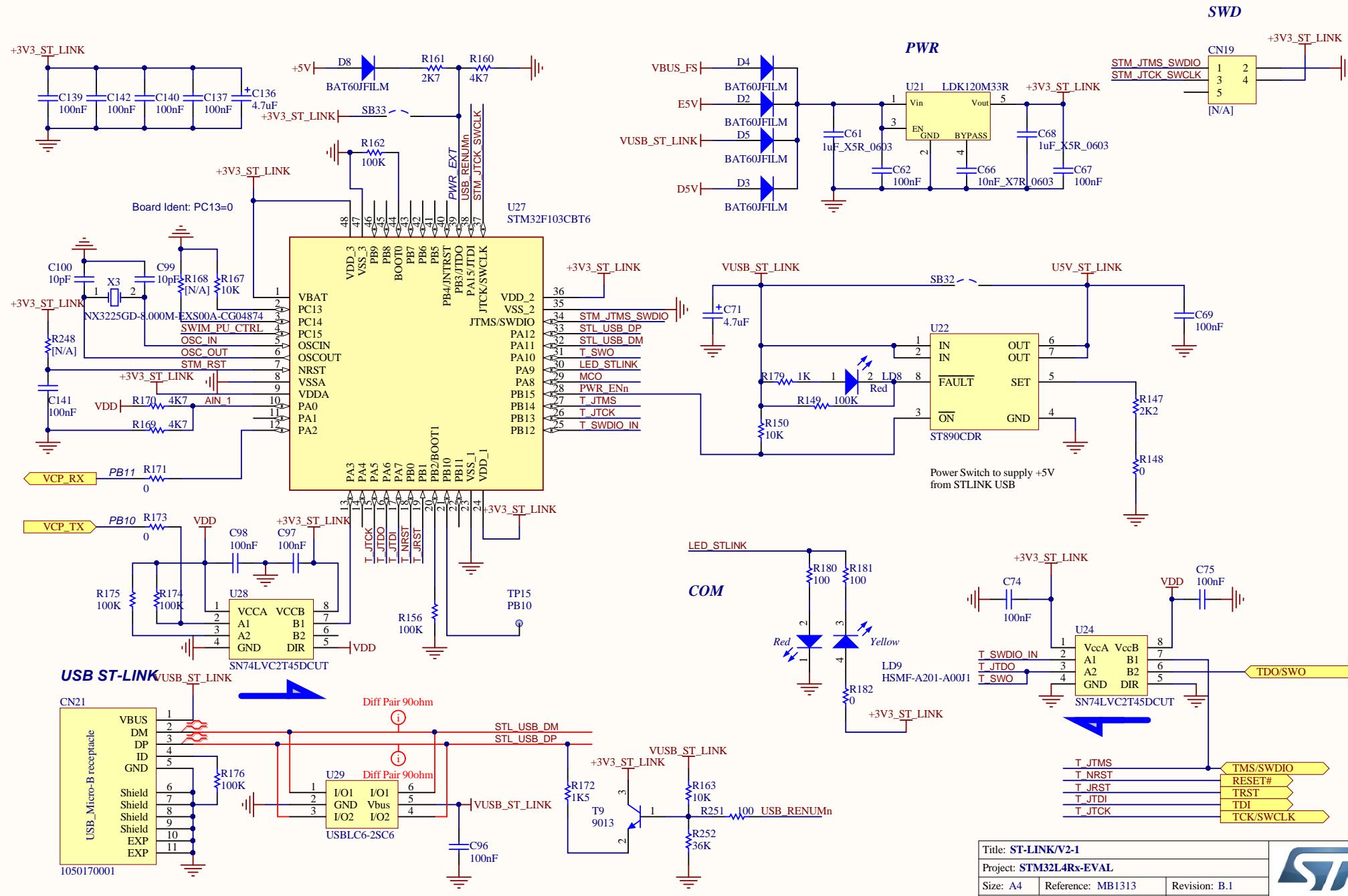


Title: Analog and TS

Project: STM32L4Rx-EVAL

Size: A4 | Reference: MB1313 | Revision: B.1

Date: 6/5/2017



Title: ST LINK

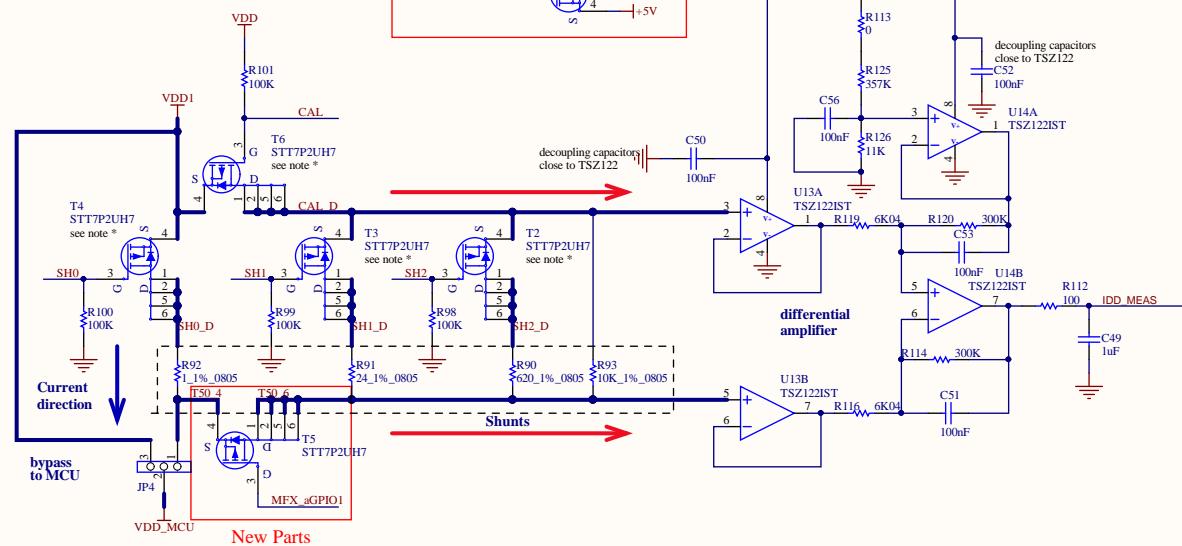
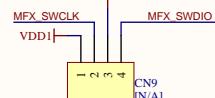
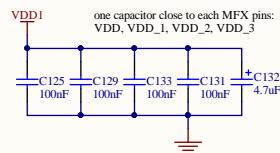
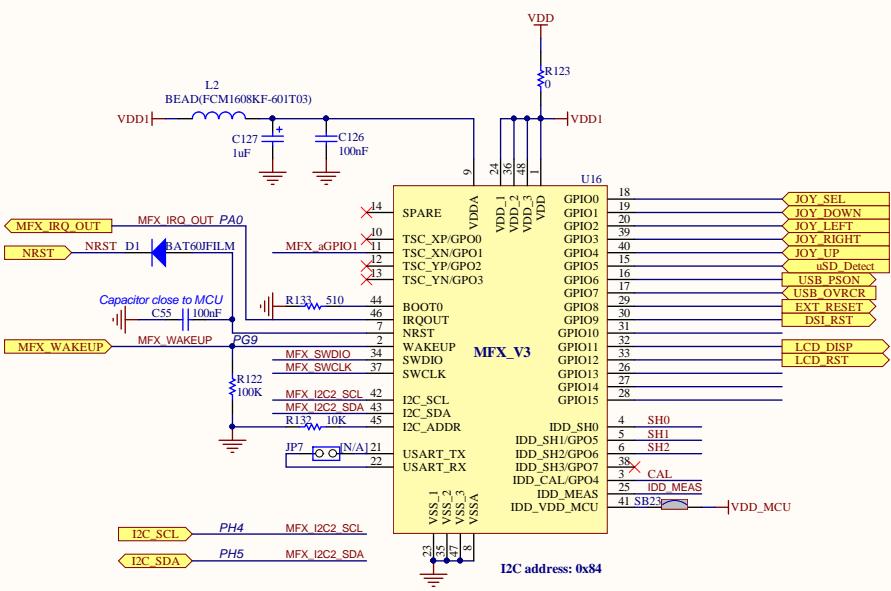
Project: STM32I4Bx-EVAL

Size: A4 Reference: MB1313

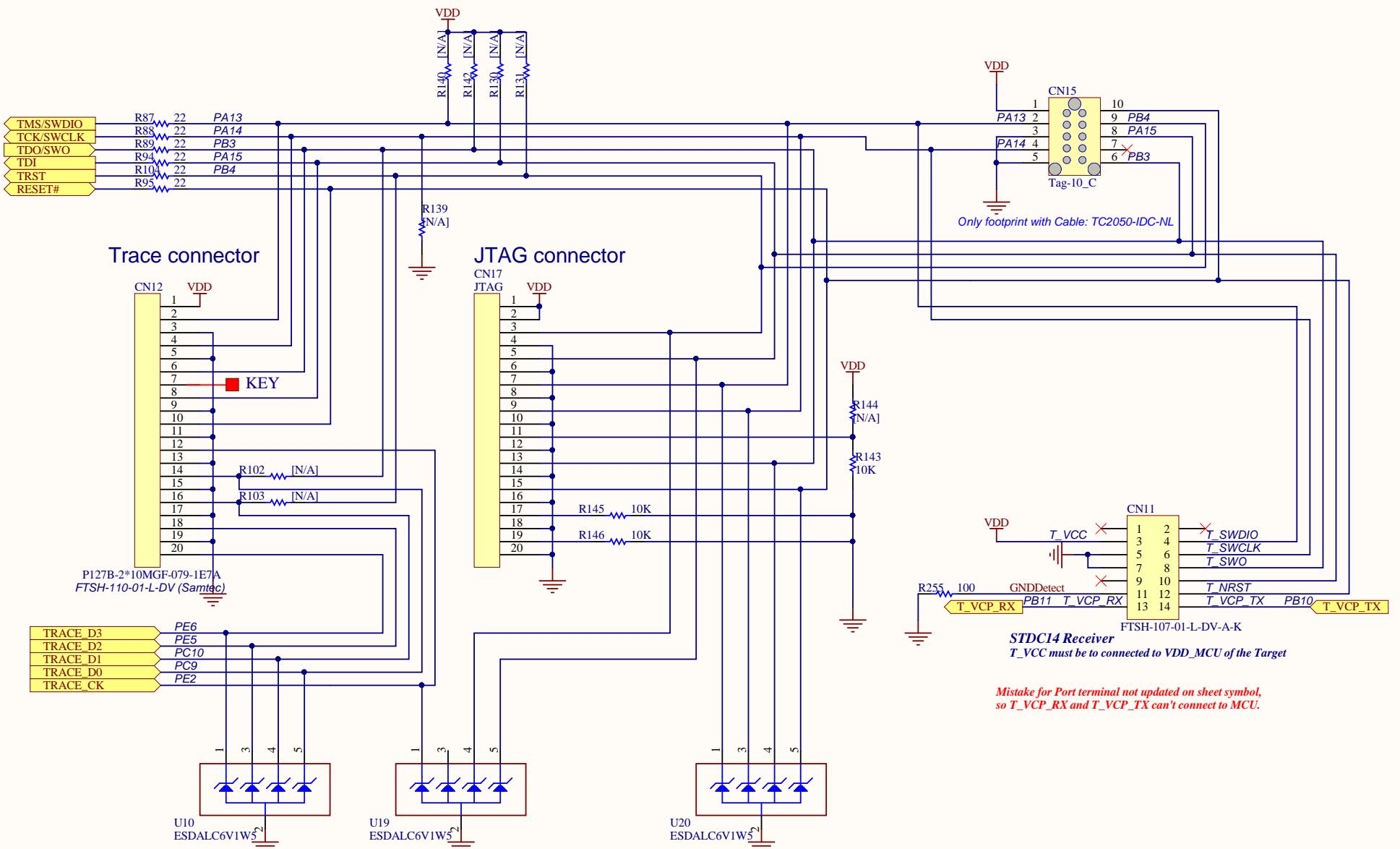
Date: 4/10/20

The ST logo consists of the letters "ST" in a stylized blue font.

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Title: IDD measurement / MFX (Multi Function eXpander)		
Project: STM32L4Rx-EVAL		
Size: A3	Reference: MB1313	Revision: B.1
Date: 3/31/2017	Sheet: 10 of 16	life.auamentec



Title: **JTAG & Trace**

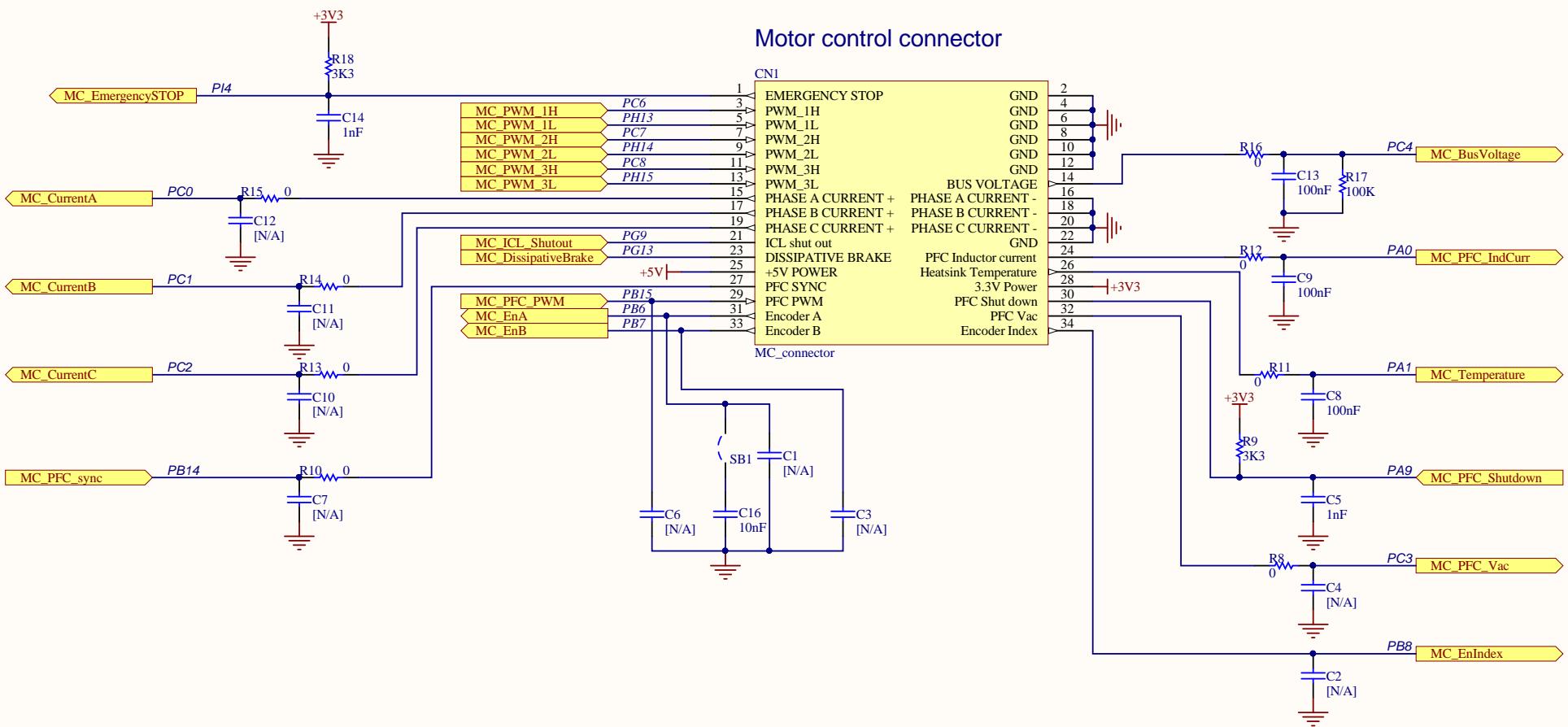
Project: **STM32L4Rx-EVAL**

Size: **A4** | Reference: **MB1313** | Revision: **B.1**

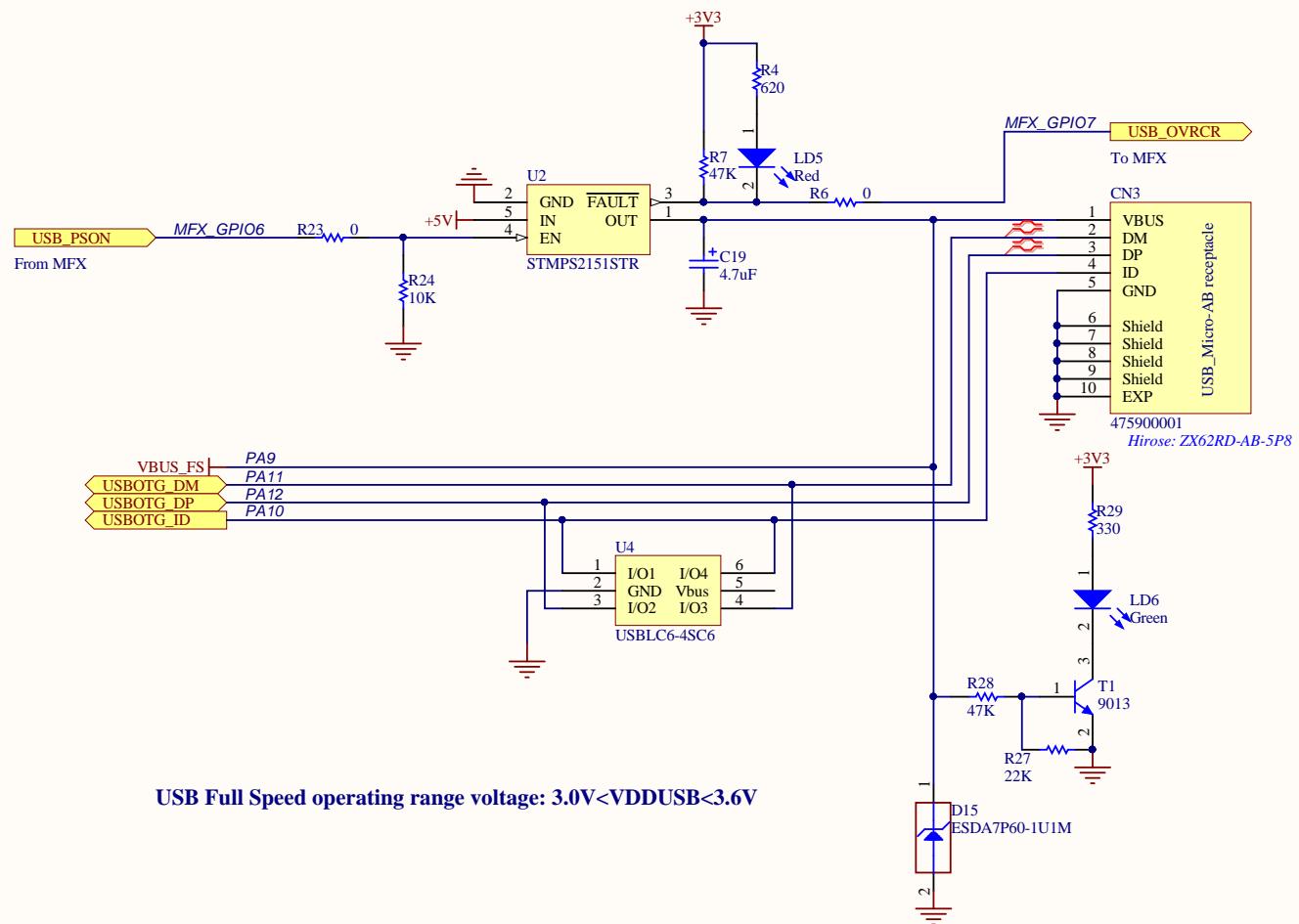
Date: **7/12/2017**



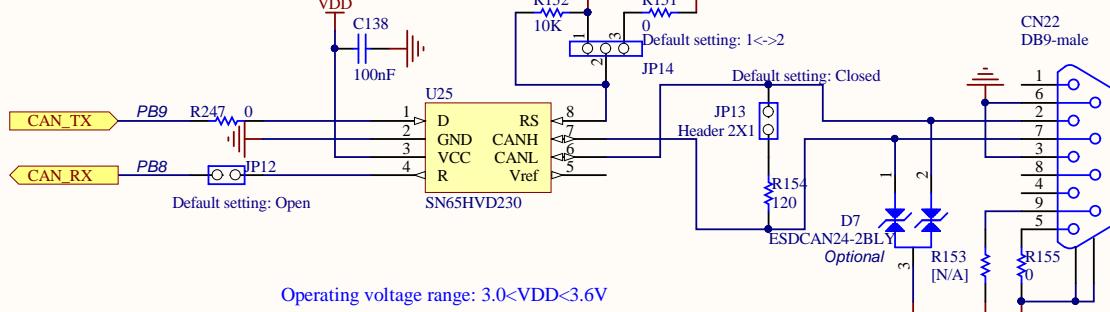
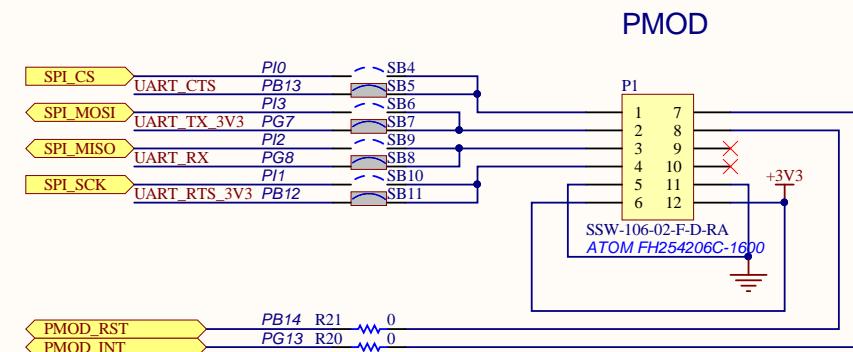
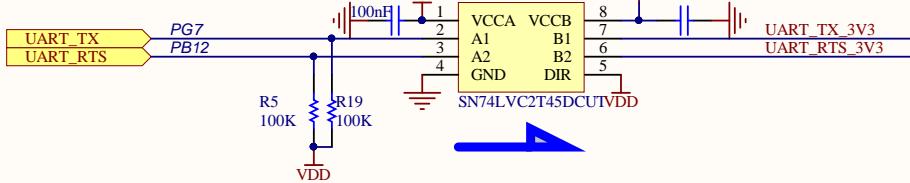
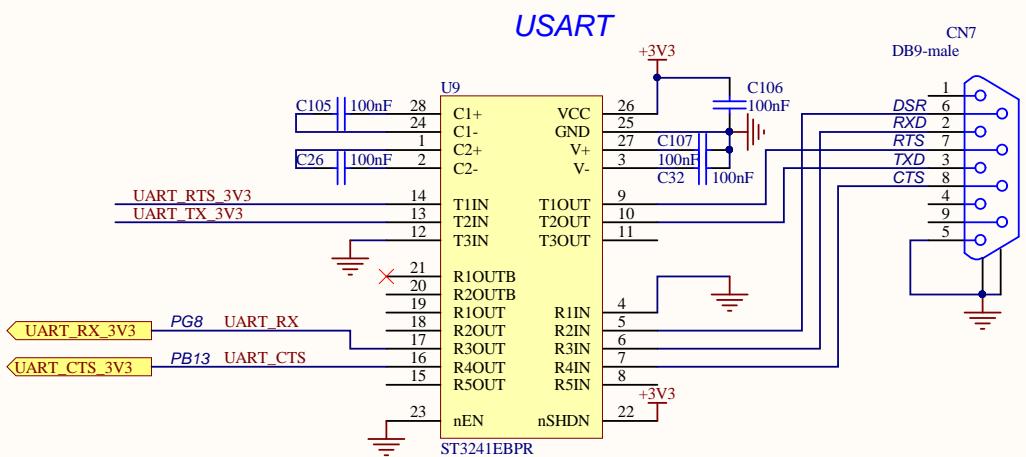
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Title: MotorControl			
Project: STM32L4Rx-EVAL			
Size: A4	Reference: MB1313	Revision: B.1	
Date: 3/31/2017		Sheet: 12 of 16	



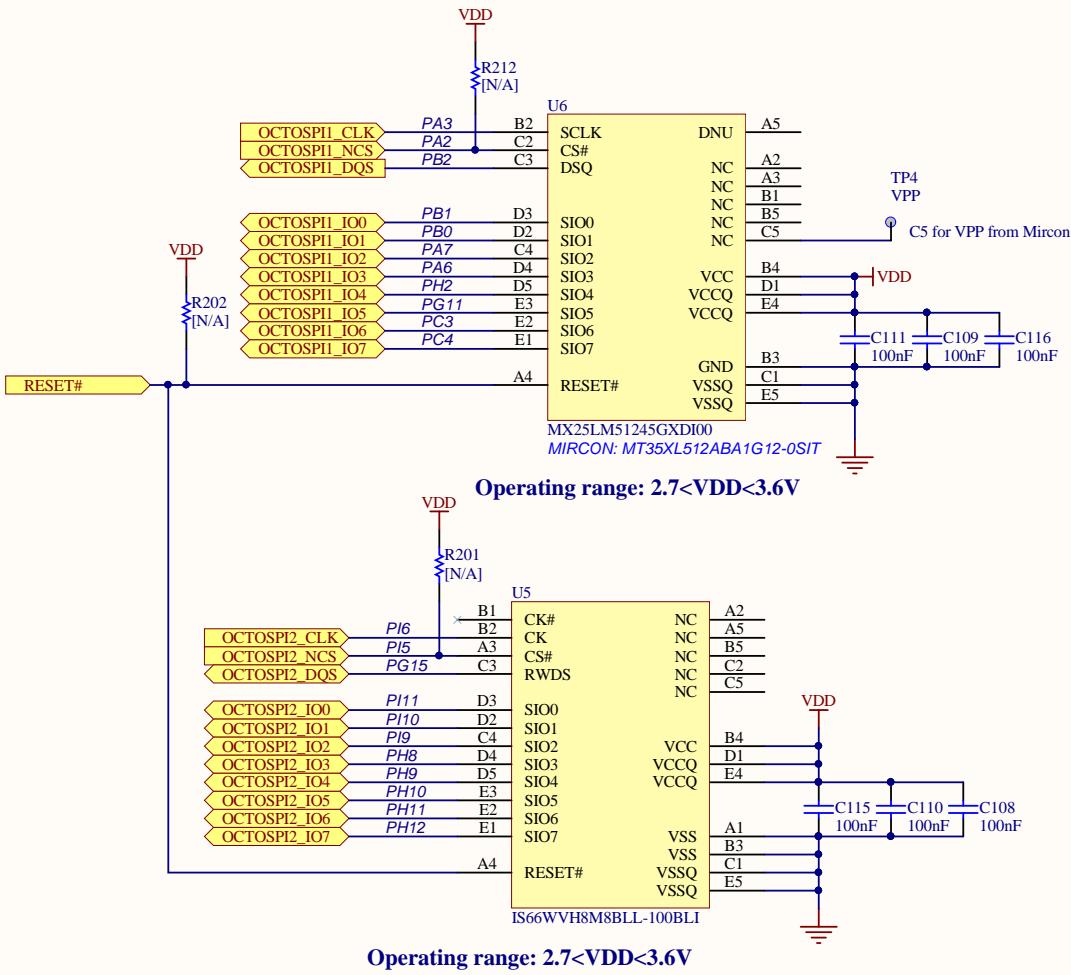
Title: USB_OTG_FS		
Project: STM32L4Rx-EVAL		
Size: A4	Reference: MB1313	Revision: B.1
Date: 4/10/2017		Sheet: 13 of 16



Title: Interface		
Project: STM32L4Rx-EVAL		
Size: A4	Reference: MB1313	Revision: B.1
Date: 7/12/2017		Sheet: 14 of 16

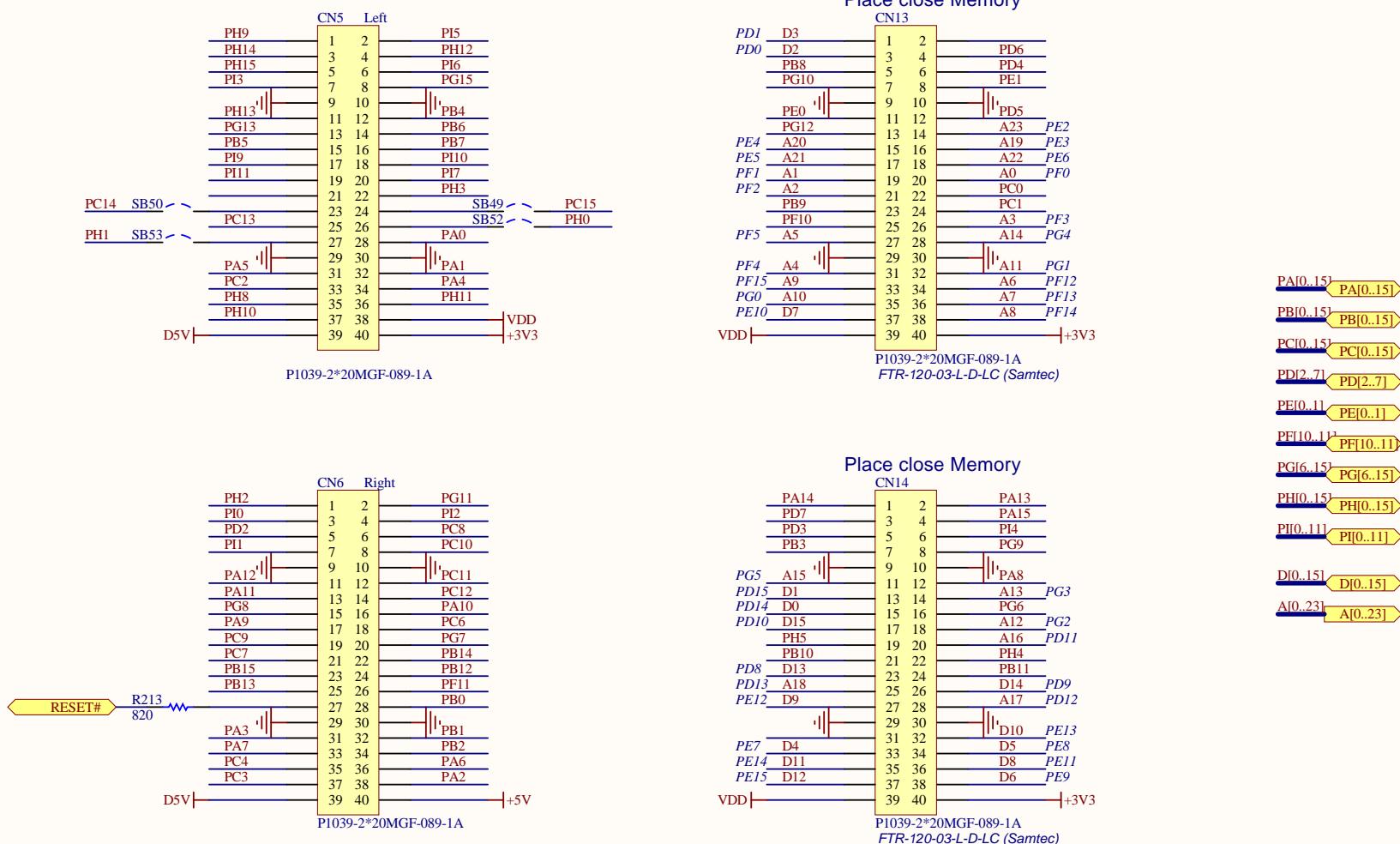


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Title: OctoSPI	
Project: STM32L4Rx-EVAL	
Size: A4	Reference: MB1313
Date: 10/18/2017	Revision: B.1

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Title: Extension Connectors

Project: STM32L4Rx-EVAL

Size: A4 | Reference: MB1313 | Revision: B.1

Date: 3/31/2017