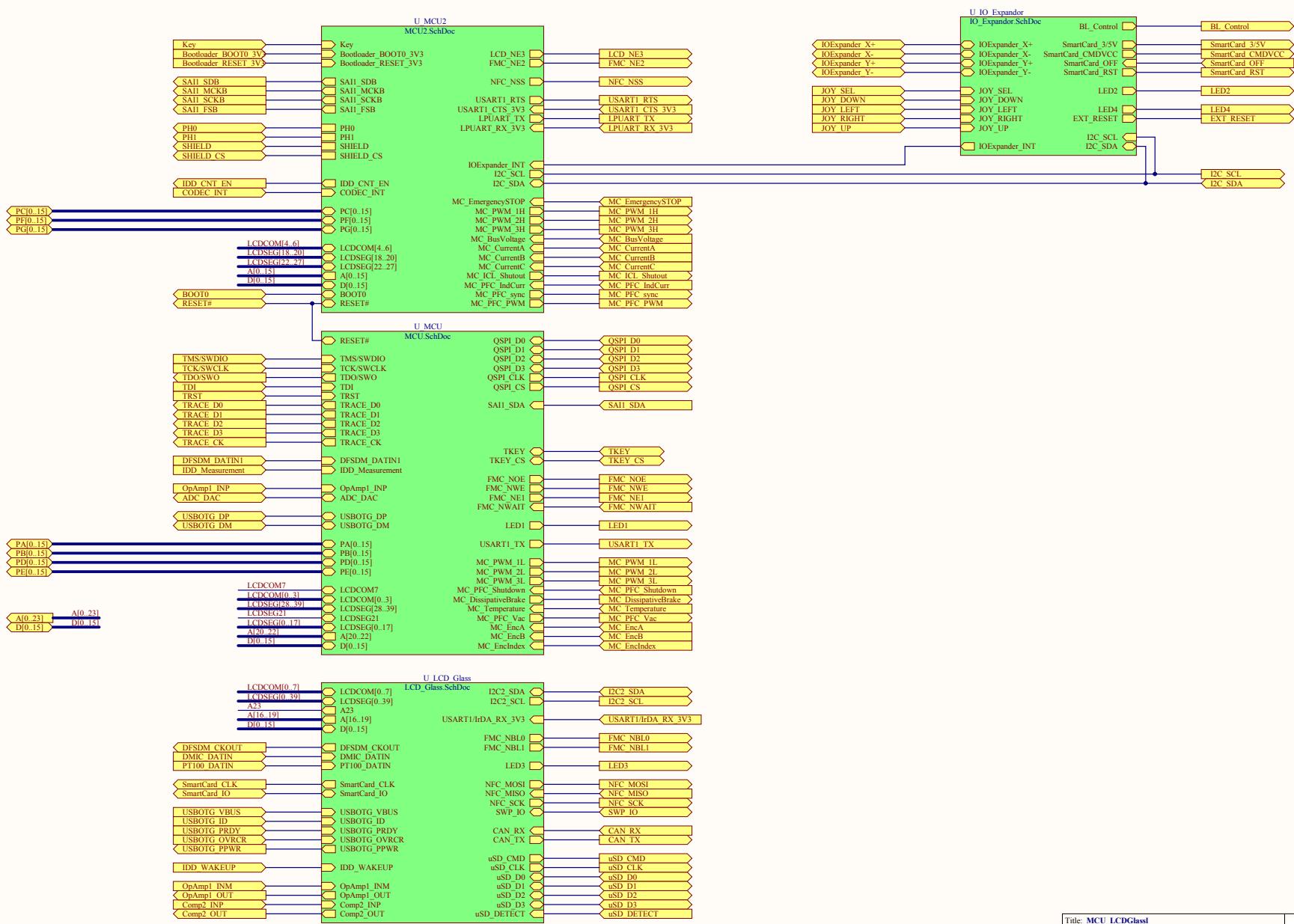
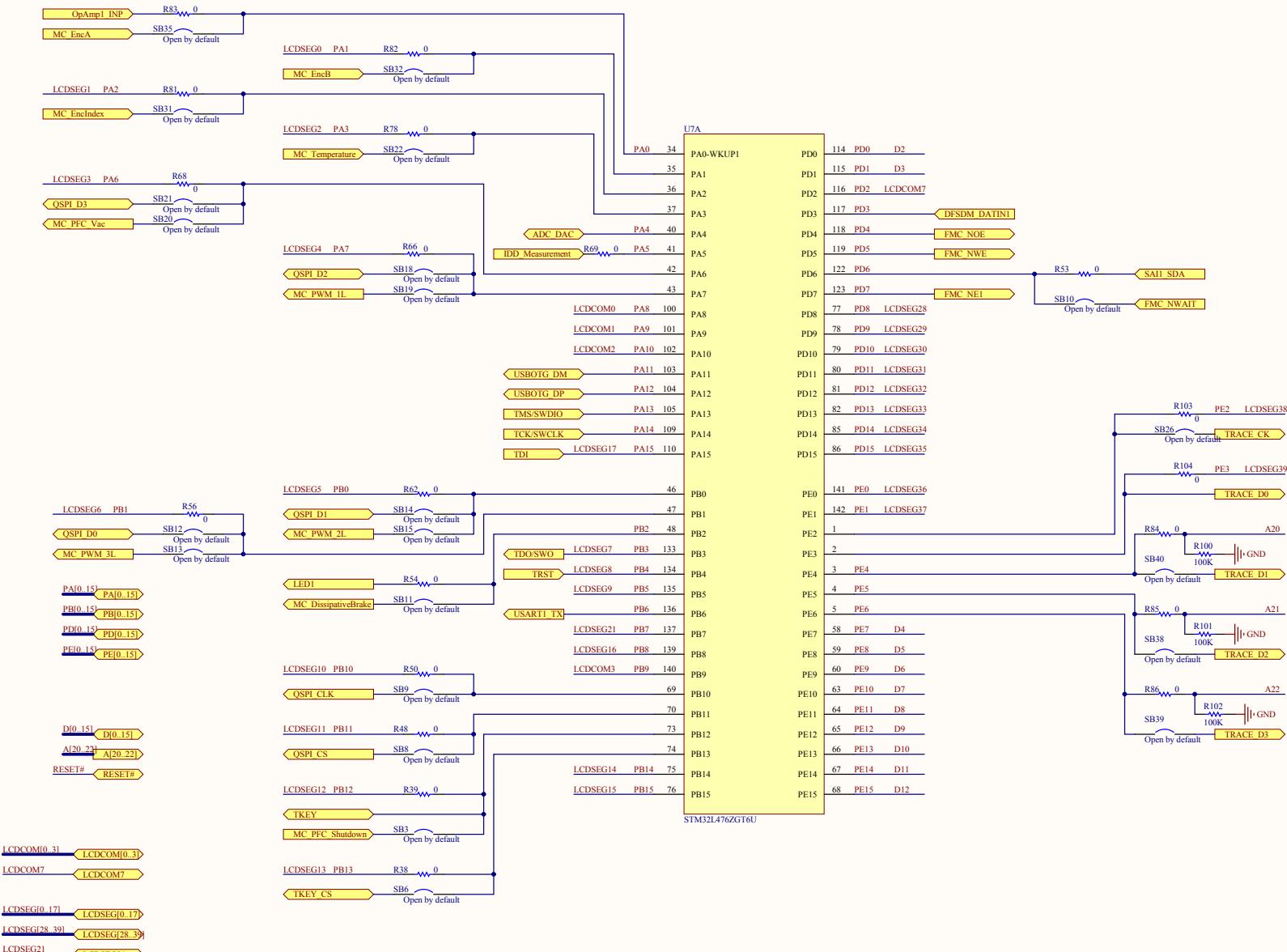


Note: In all sheets, <i>Italic</i> format is used to differentiate text from schematic Net labels.		
Title: Top schematic		
Project: STM32L476G-EVAL		
Size: A3	Reference: MB1144	Revision: C-02
Date: 10/7/2016		Sheet: 1 of 25

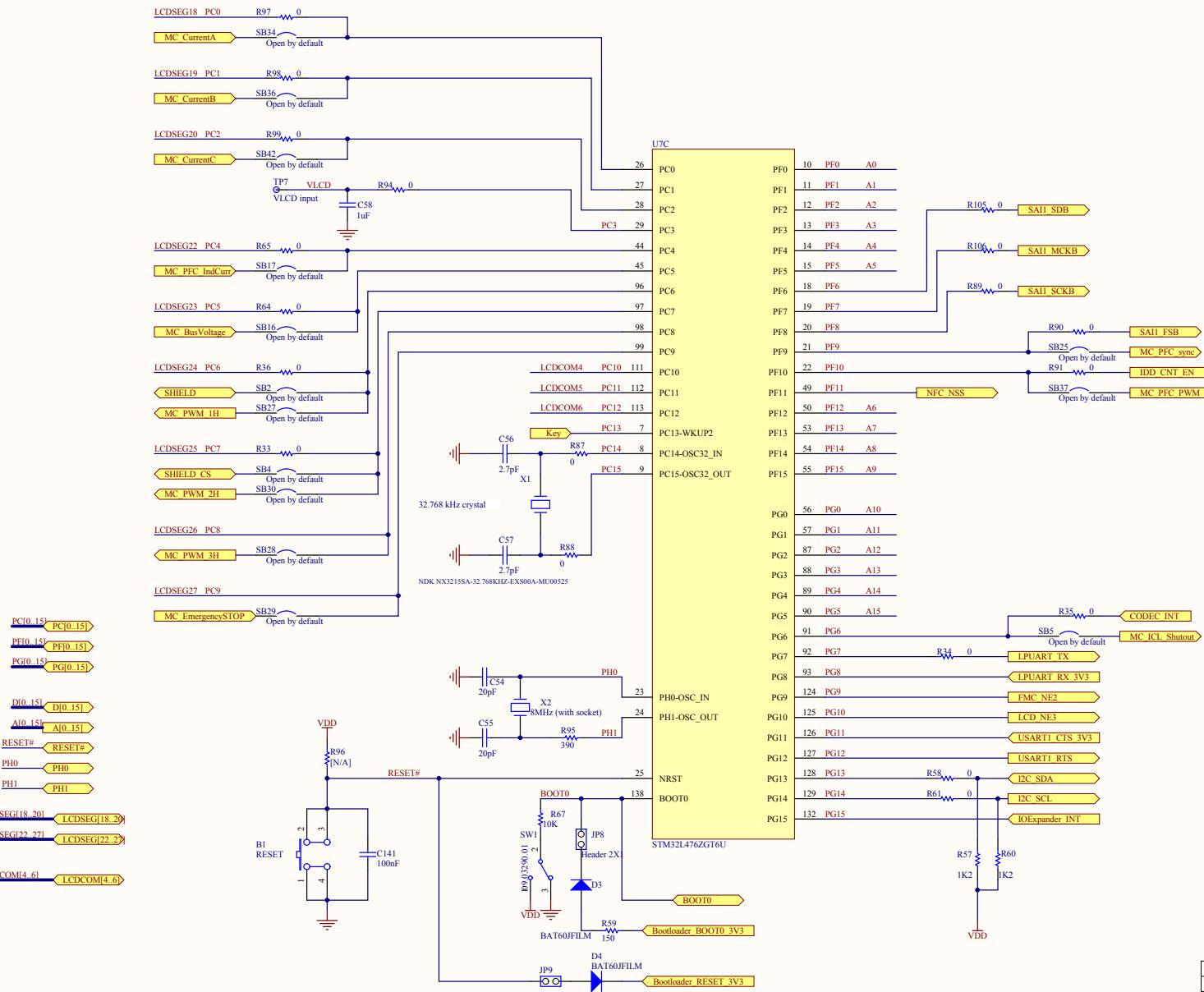




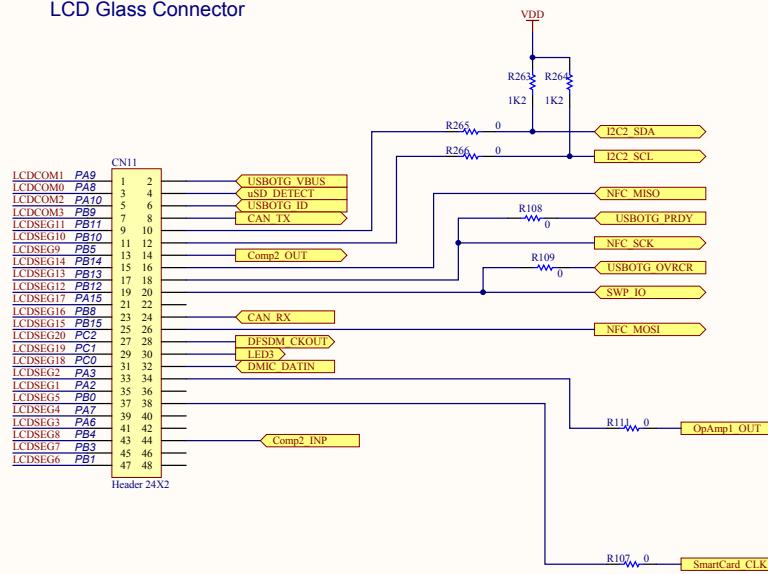
Title: **MCU**
 Project: **STM32L476G-EVAL**
 Size: **A3** Reference: **MB1144** Revision: **C-02**
 Date: **10/7/2016** Sheet: **3** of **25**



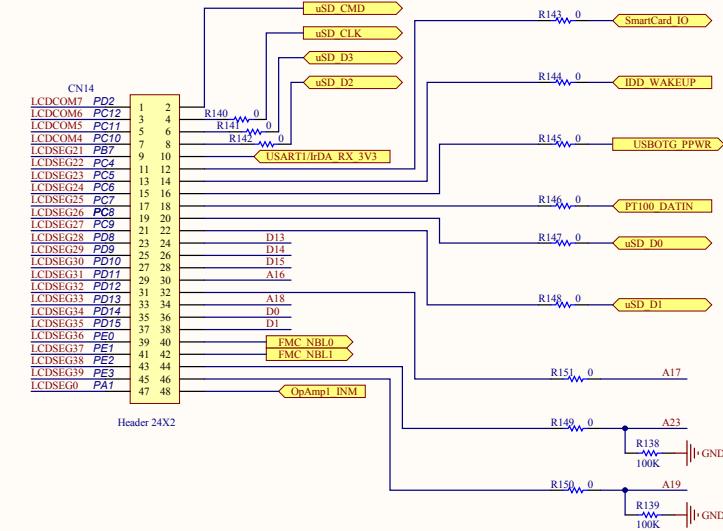
life.augmented



LCD Glass Connector

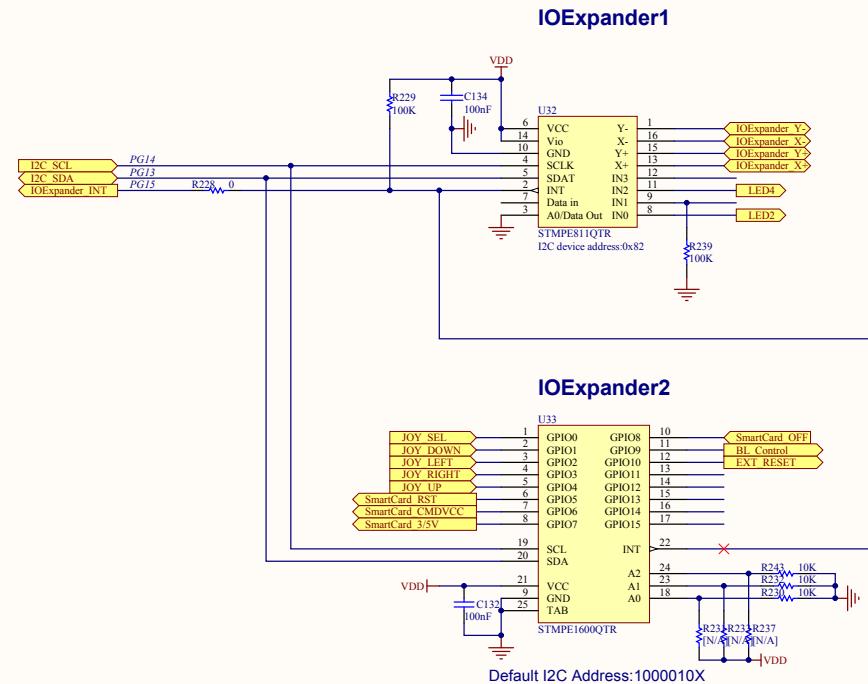


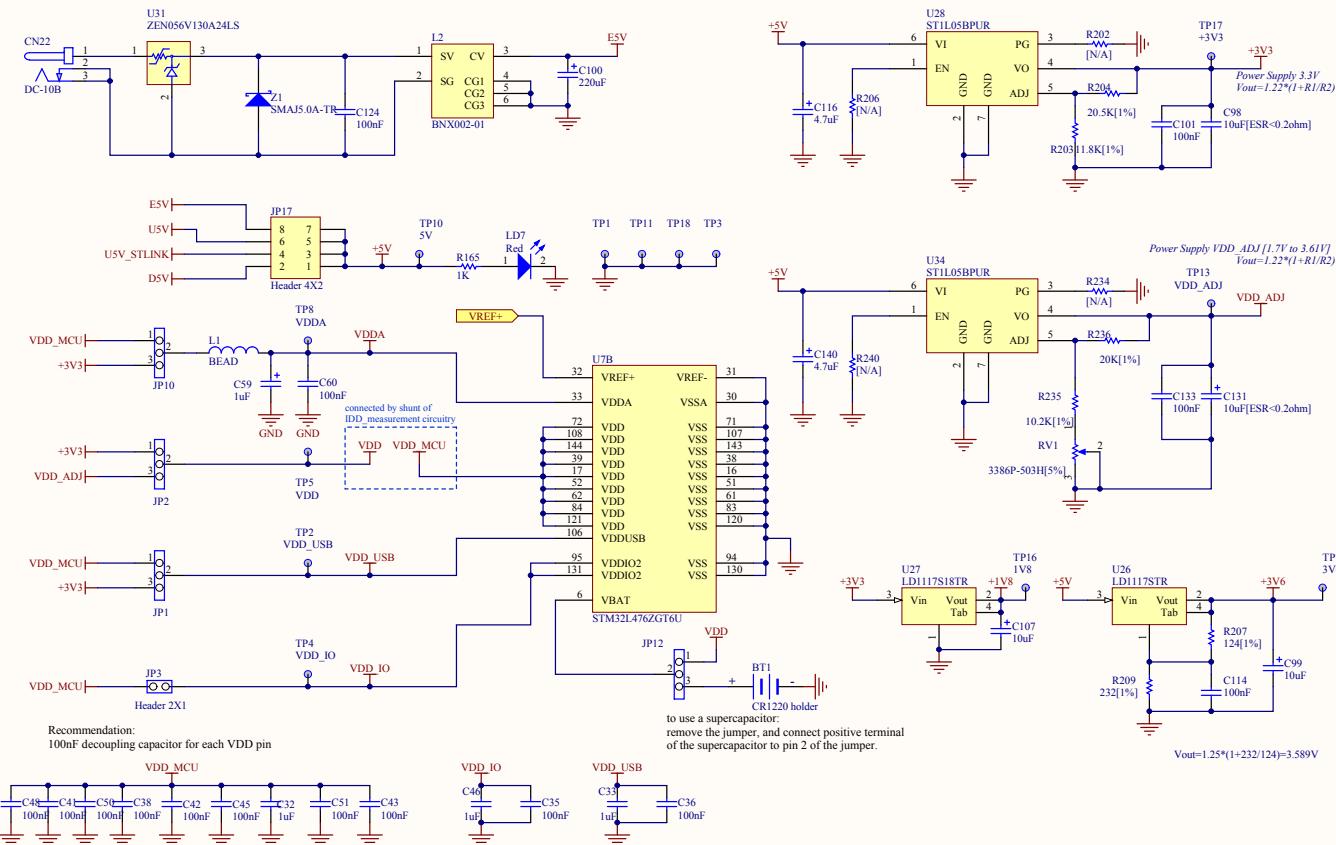
LCD Glass Connector



D[0..15] → D[0..15]
 A[16..19] → A[16..19]
 A23 → A23

LCDSEG[0..39] → LCDSEG[0..39]
 LCDCOM[0..7] → LCDCOM[0..7]

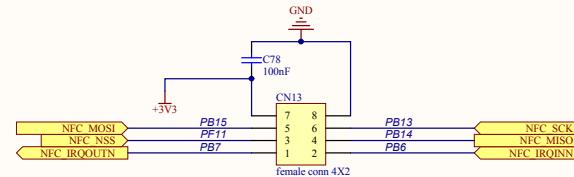
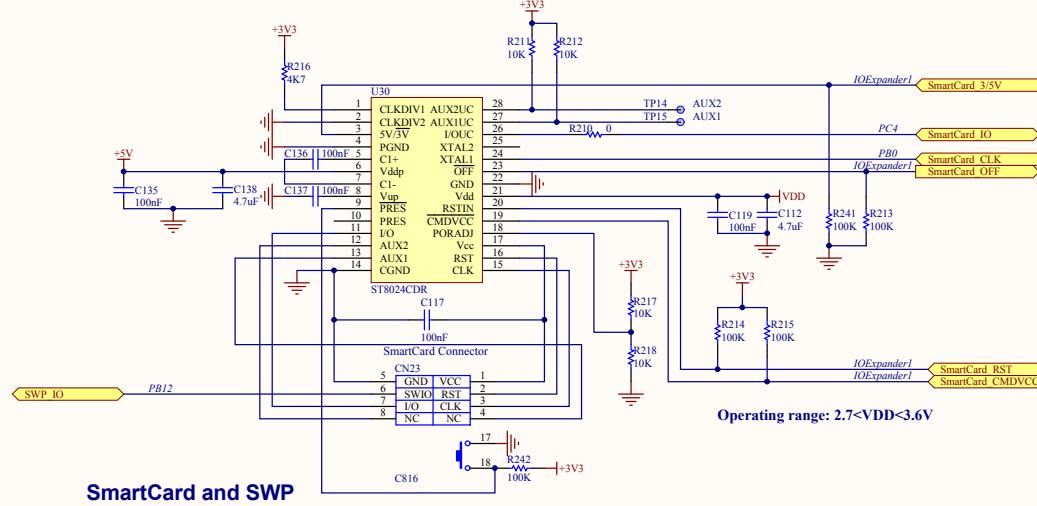




Title: Power		
Project: STM32L476G-EVAL		
Size: A3	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 7 of 25	

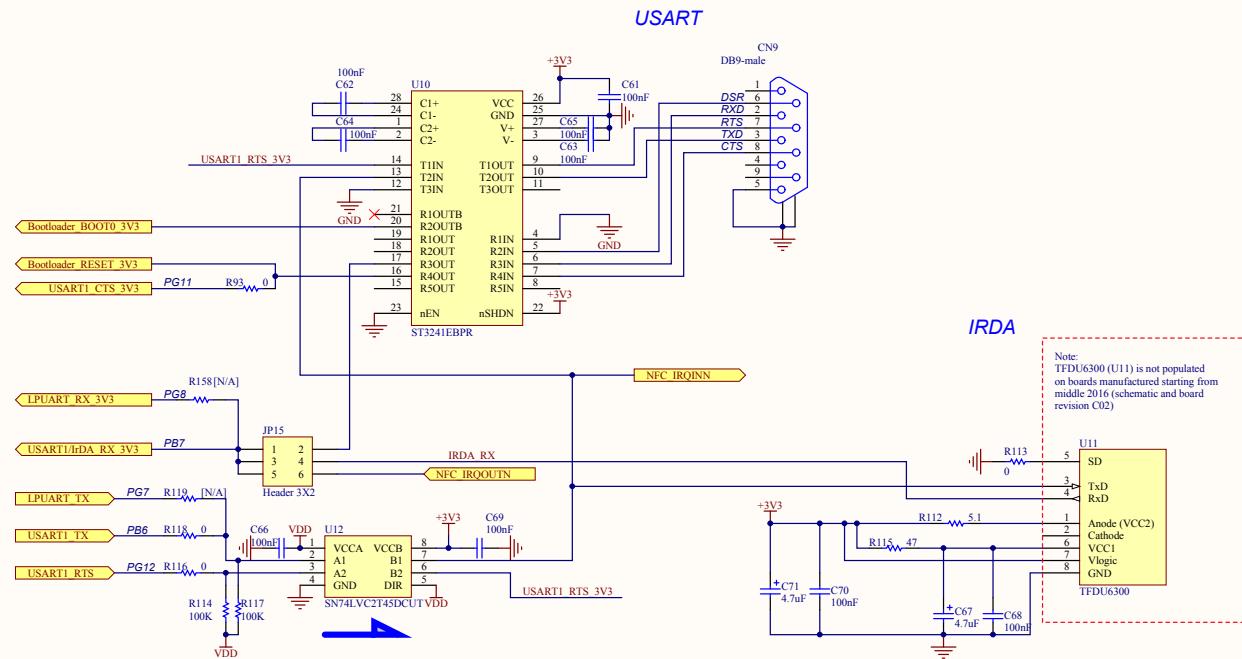


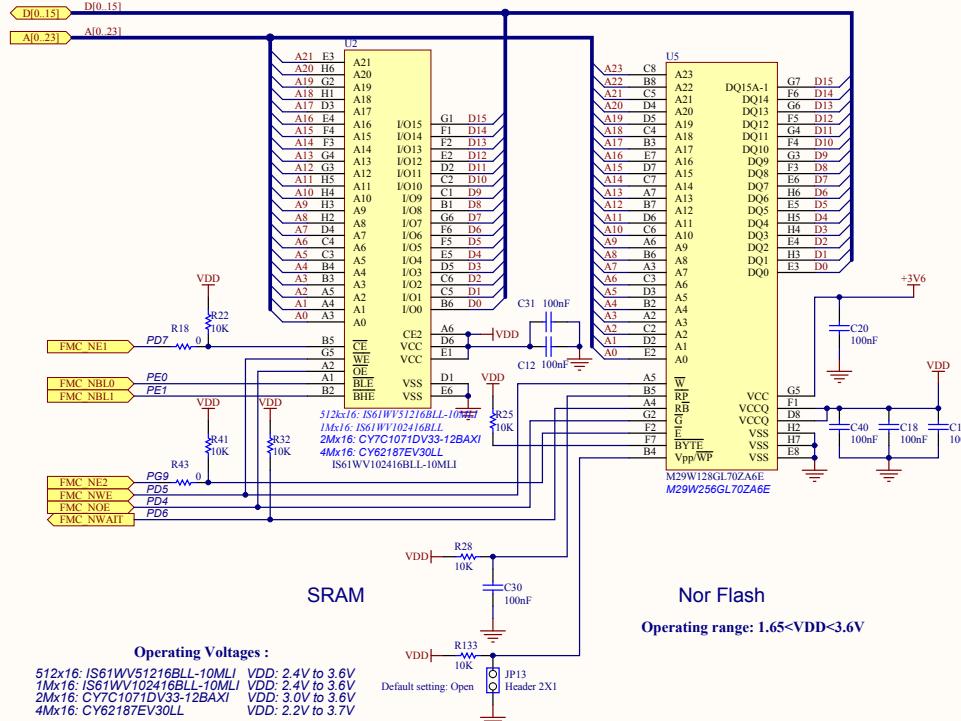
life.augmented

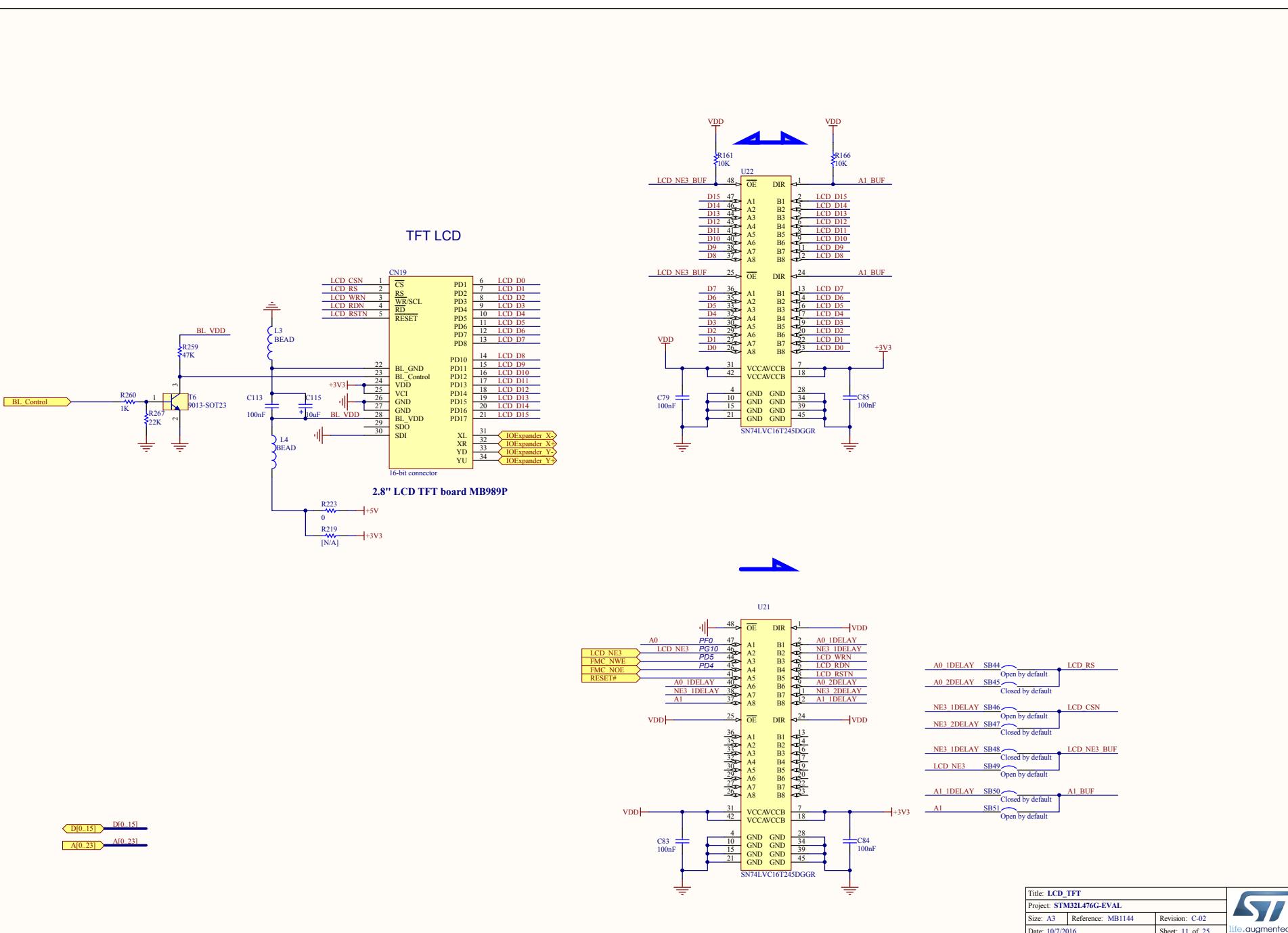


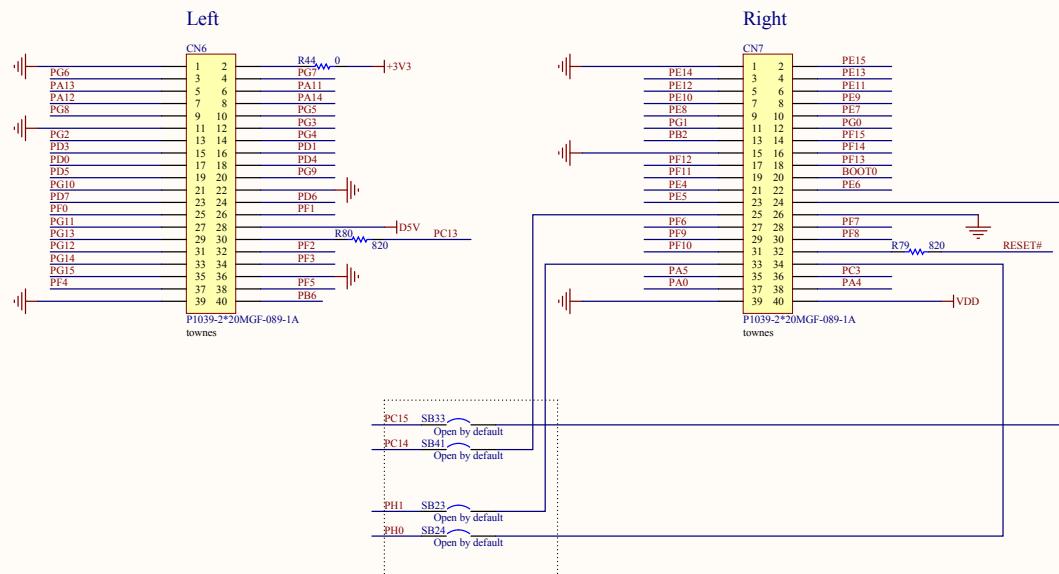
NFC

Title: SWP_SmartCard_NFC		
Project: STM32L476G-EVAL		
Size: A3	Reference: MB1144	Revision: C-02
Date: 10/7/2016		Sheet: 8 of 25







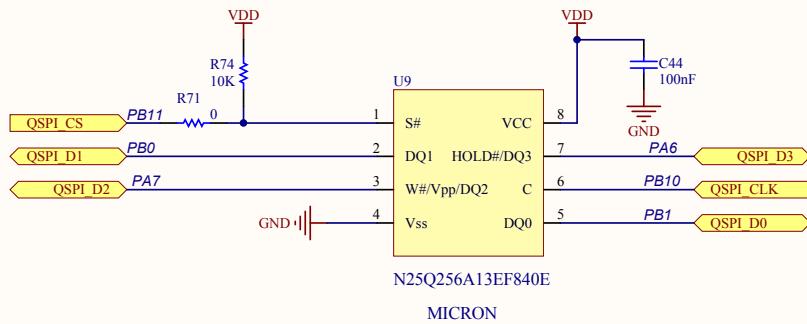


PA[0..15] → PA[0..15]
 PB[0..15] → PB[0..15]
 PC[0..15] → PC[0..15]
 PD[0..15] → PD[0..15]
 PE[0..15] → PE[0..15]
 PF[0..15] → PF[0..15]
 PG[0..15] → PG[0..15]

RESET# → RESET#

PH0 → PH0
 PH1 → PH1
 BOOTO → BOO10

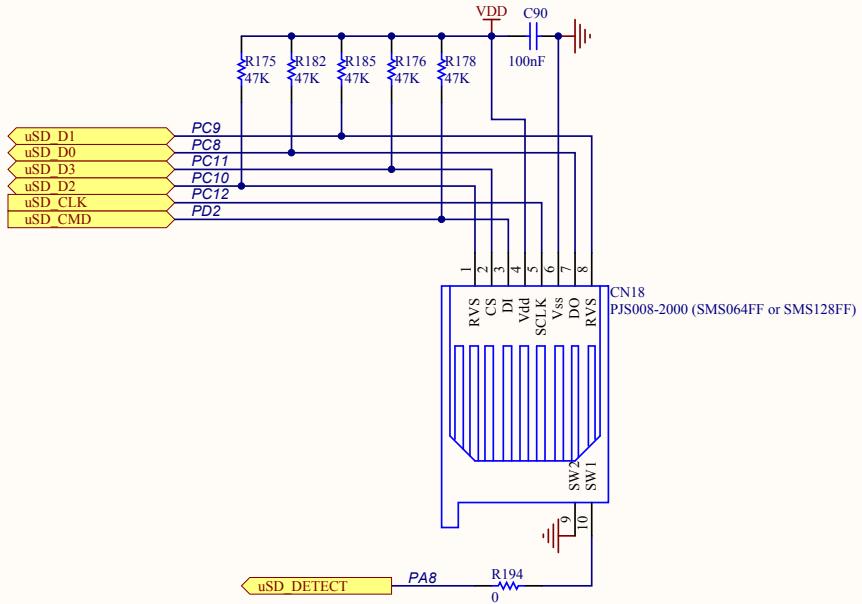
Title: Extension connector		
Project: STM32I476G-EVAL		
Size: A3	Reference: MB1144	Revision: C-02
Date: 10/7/2016		Sheet: 12 of 25



Quad SPI Memory

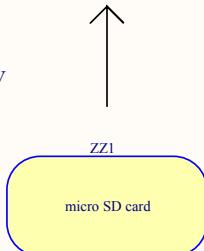
Operating range: 2.7<VDD<3.6V

Title: QSPI		
Project: STM32L476G-EVAL		
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 13 of 25	 life.augmented



MicroSD card

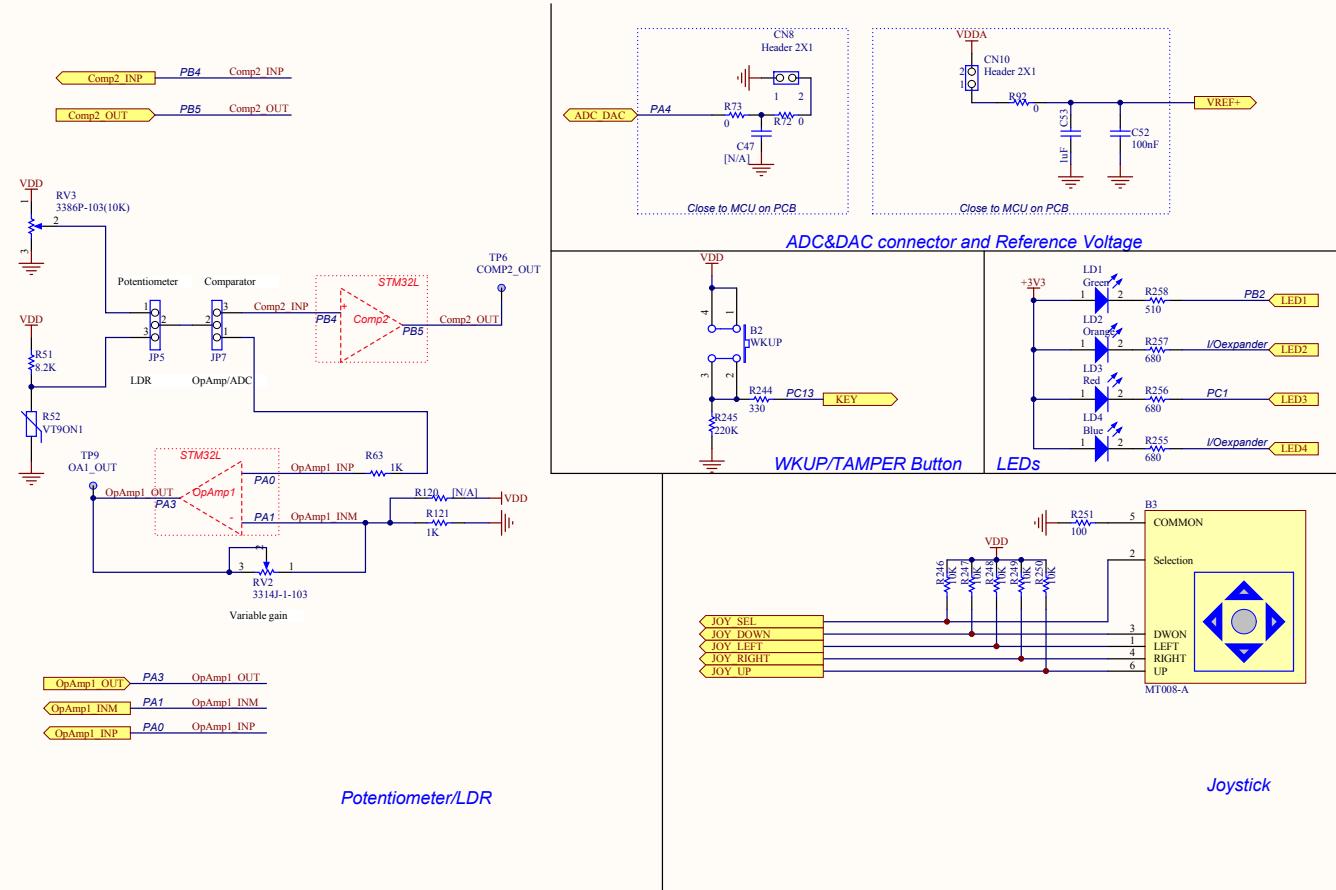
Operating Voltage: VDD no Lower than 2.7V



Title: MicroSD		
Project: STM32L476G-EVAL		
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016		Sheet: 14 of 25



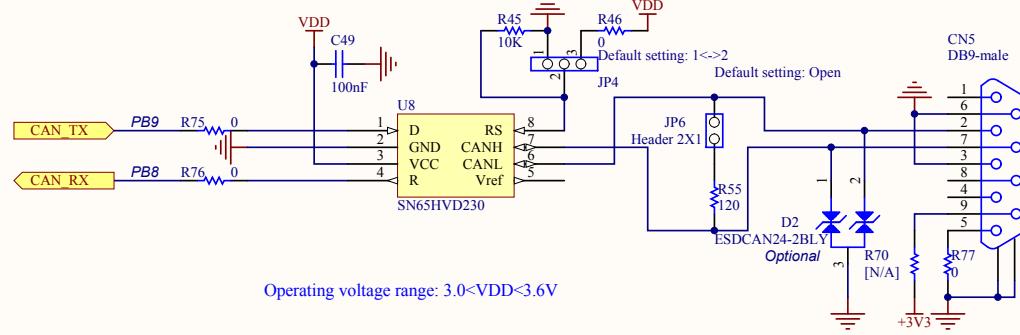
life.augmented



Title: **peripherals**
 Project: **STM32L476G-EVAL**
 Size: **A3** Reference: **MB1144** Revision: **C-02**
 Date: **10/7/2016** Sheet: **15** of **25**



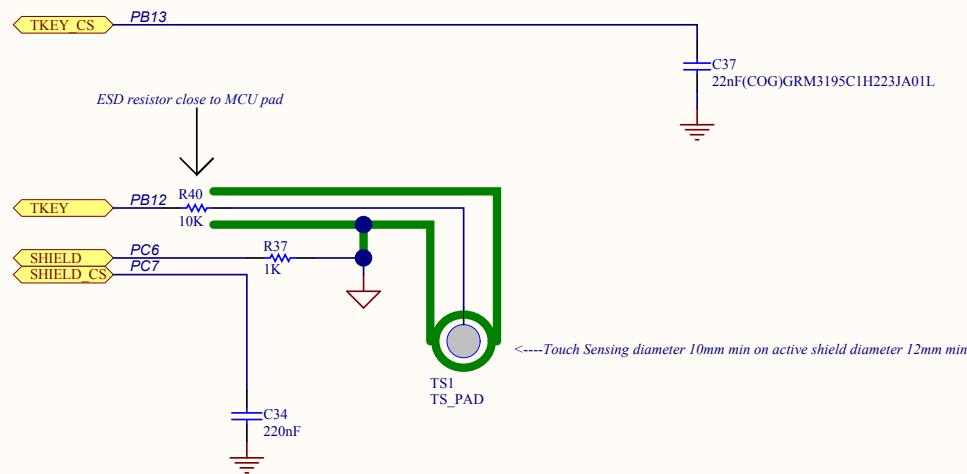
life...augmented



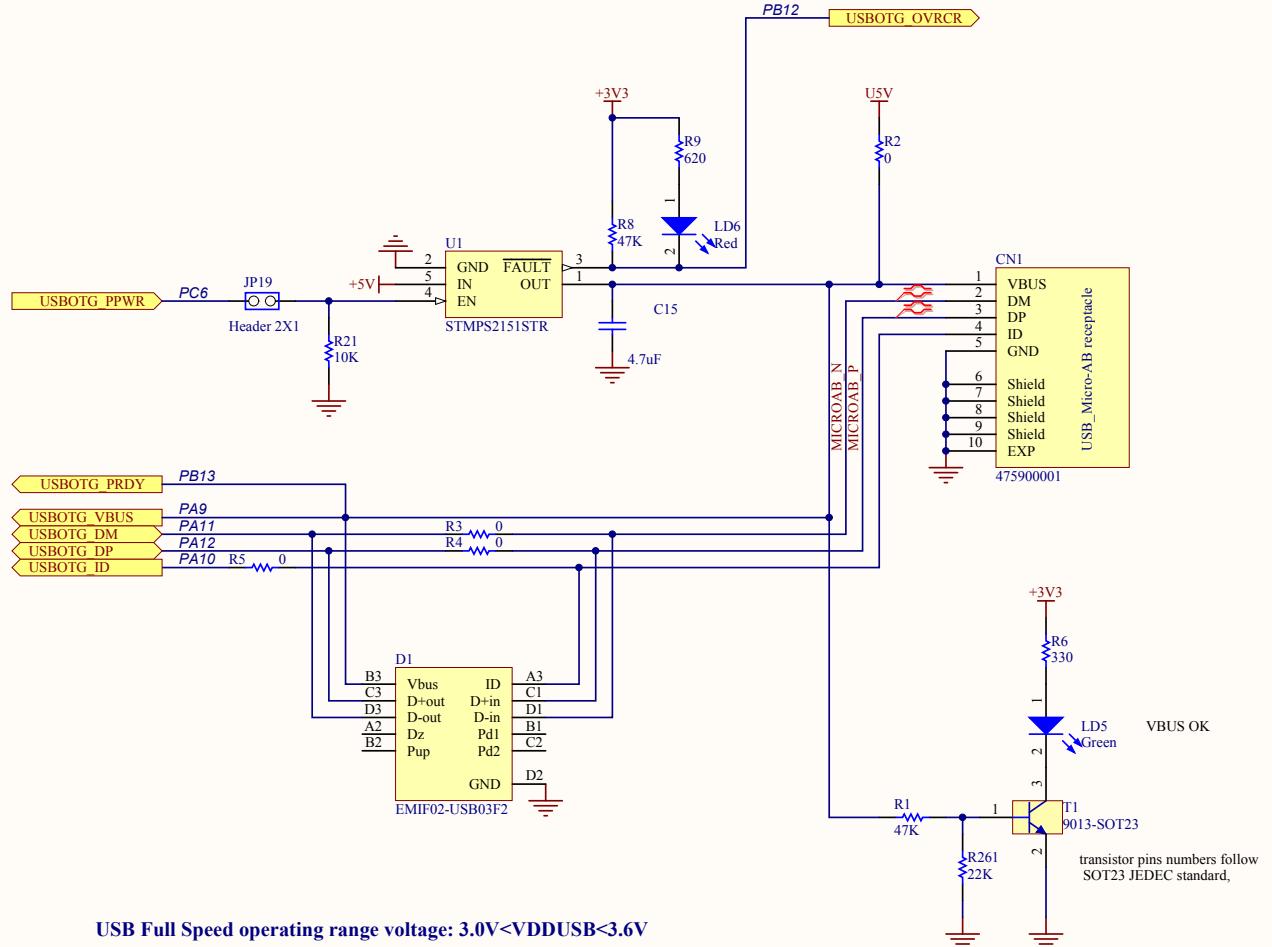
Title: CAN	Project: STM32L476G-EVAL	
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 16 of 25	



life.augmented



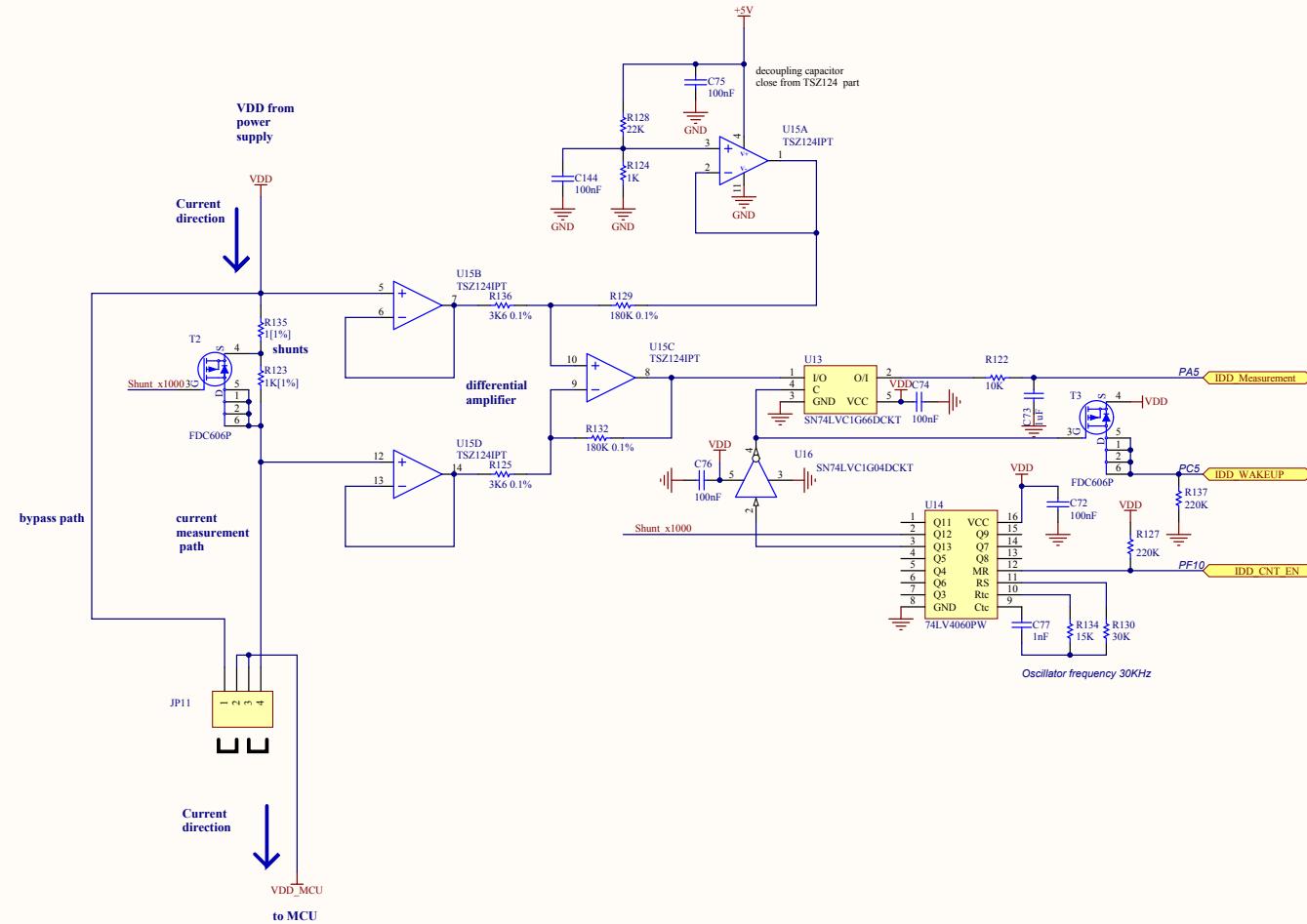
Title: Touch Sensing		
Project: STM32L476G-EVAL		
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 17 of 25	ST life.augmented



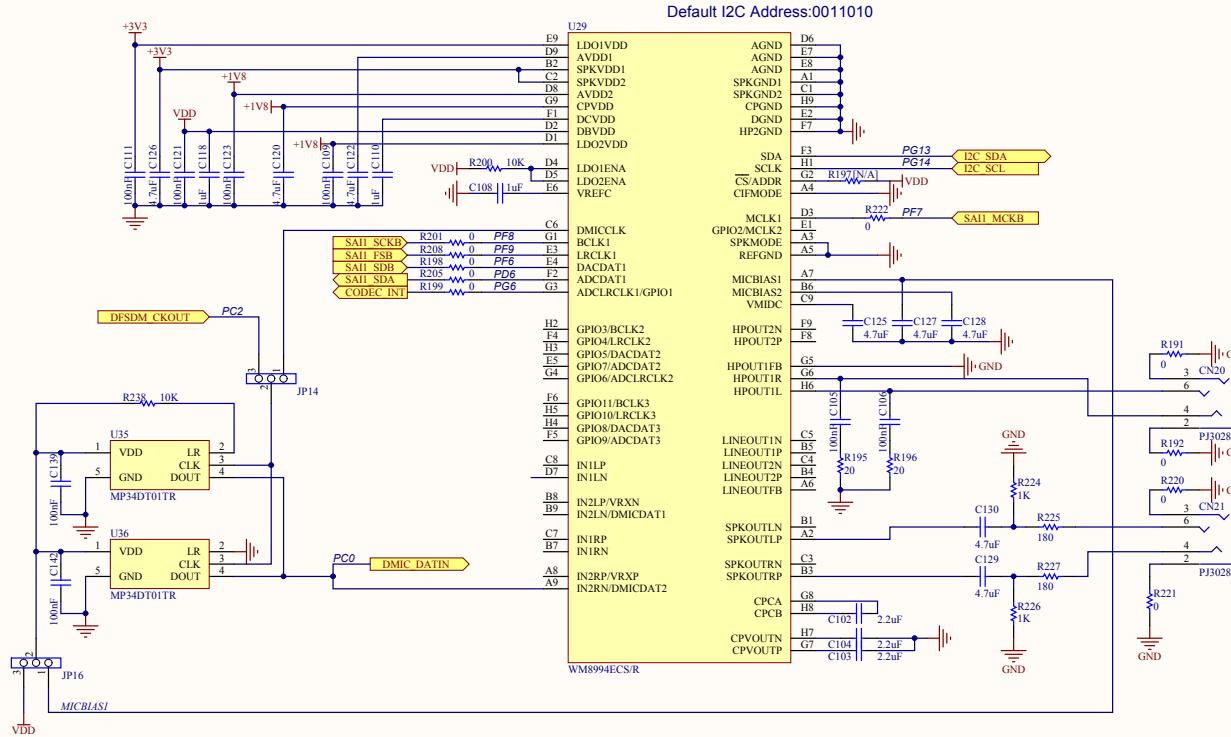
Title: USB_OTG_FS	ST	
Project: STM32L476G-EVAL		
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 18 of 25	



life.augmented



Title: IDD_measurement	Project: STM32L476G-EVAL	 life.augmented
Size: A3	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 19 of 25	

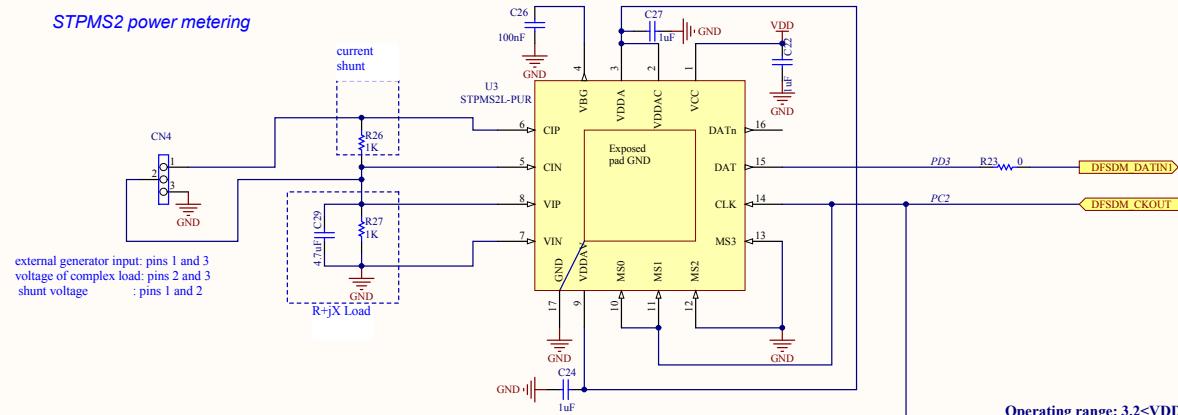


Operating range: 1.62<VDD<3.6V

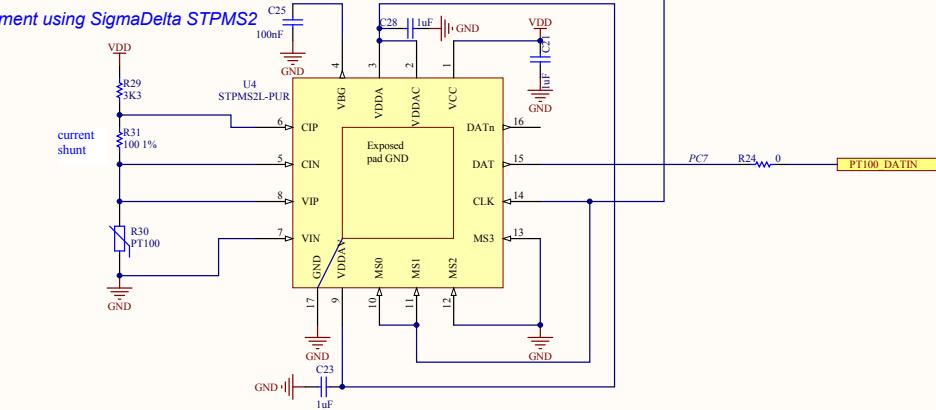
Title: **Audio**
 Project: **STM32L476G-EVAL**
 Size: A3 | Reference: MB1144 | Revision: C-02
 Date: 10/7/2016 | Sheet: 20 of 25

 life...augmented

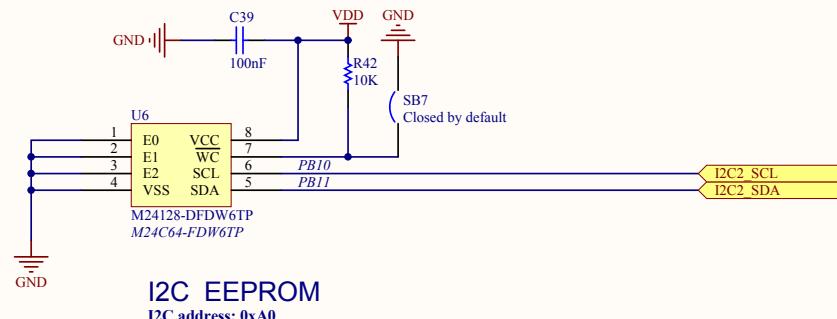
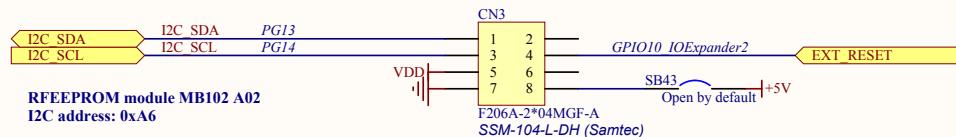
STPMS2 power metering



PT100 measurement using SigmaDelta STPMS2

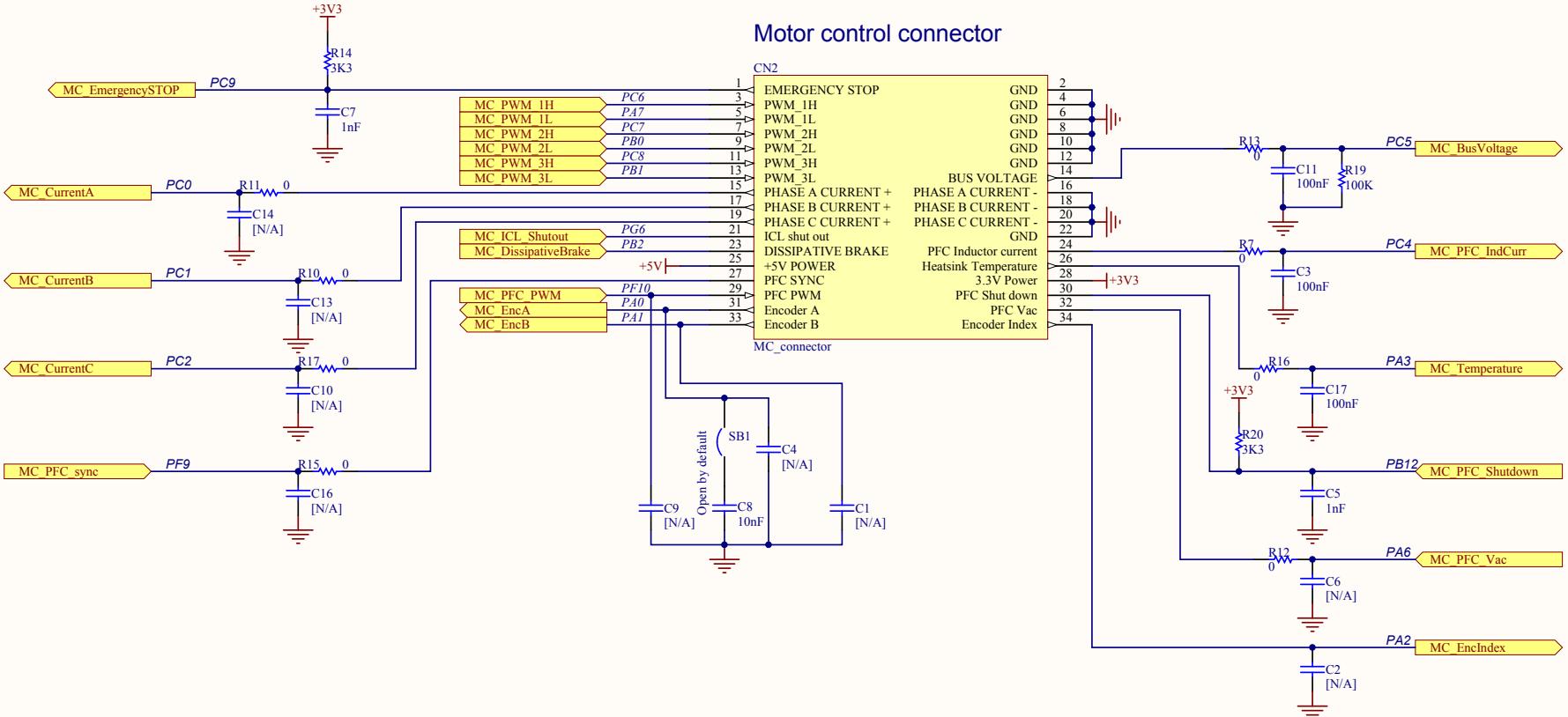


EXT/RFEEPROM Connector



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

Title: RF_I2C_EEPROM	ST	
Project: STM32L476G-EVAL		
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 22 of 25	life.augmented



Title: MotorControl	Project: STM32L476G-EVAL	
Size: A4	Reference: MB1144	Revision: C-02
Date: 10/7/2016	Sheet: 23 of 25	



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