

Note:1. Text in italic placed on a wire doesn't correspond to net name. It just helps to identify rapidly MCU IO related to this wire.
 2.T5 & T6 changed to BSN20, R166 changed to BAT60 from A.1 to B.1
 3.C21 & C22's value changed to 1.5pF, 32K crystal's (X2) part number changed to NX3215SA-32.768KHZ-EXS00A-MU00525 from A.1 to B.1
 4.LCD reset signal changed from system reset to PK7 from A.1 to B.1
 5.Net name LCD_INT replaced by TOUCH_INT from A.1 to B.1
 6.DSI LCD power source changed from 2.8V to 3.3V, all level shifts are removed from A.1 to B.1
 7.LD1 to LD4 connected to MCU IOs instead of MFX from A.1 to B.1
 8.PCB updated of Audio tracks' re-routing from B.1 to C.1

Title: MB1165

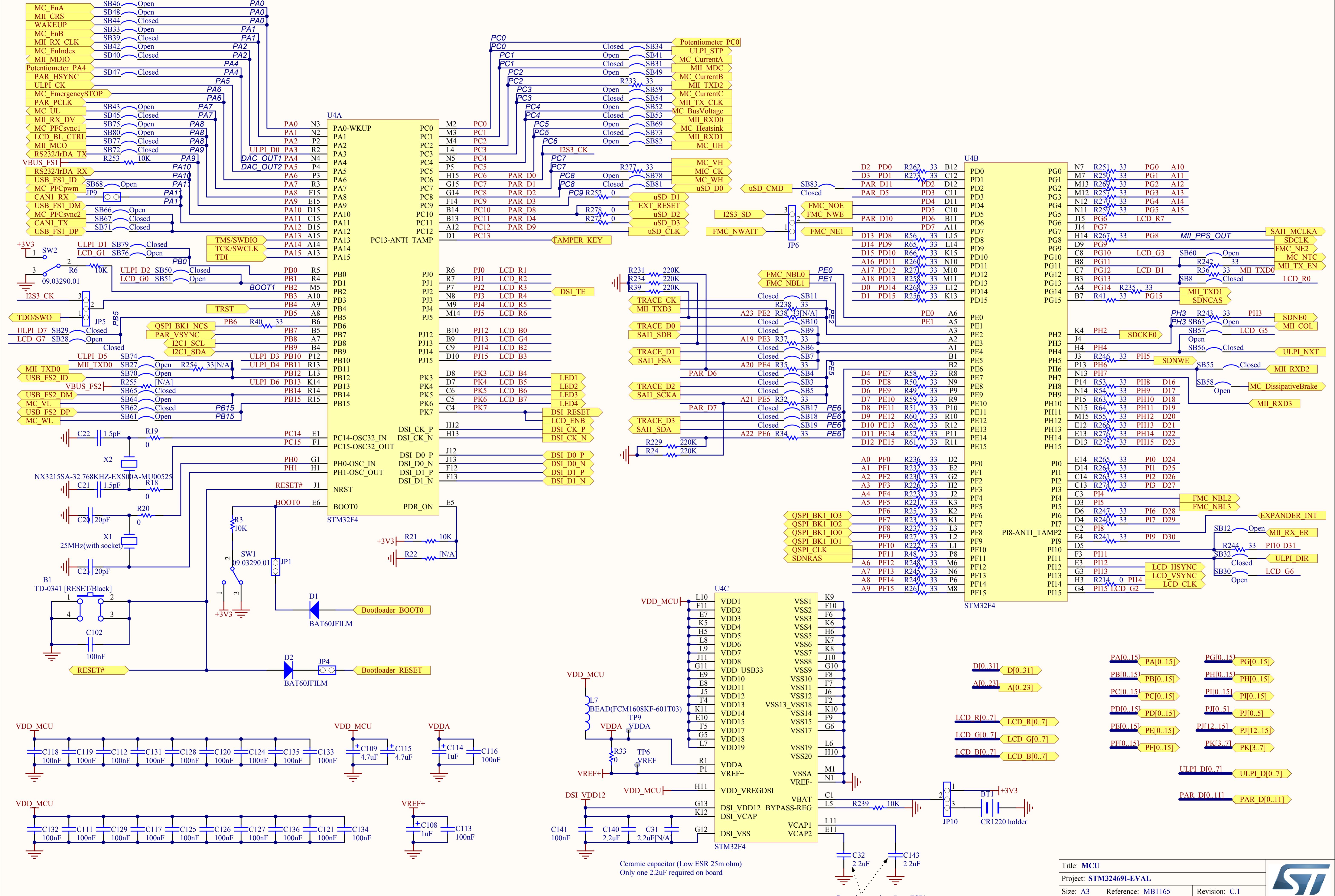
Project: STM32469I-EVAL

Size: A3 Reference: MB1165 Revision: C.1

Date: 6/5/2015 Sheet: 1 of 17



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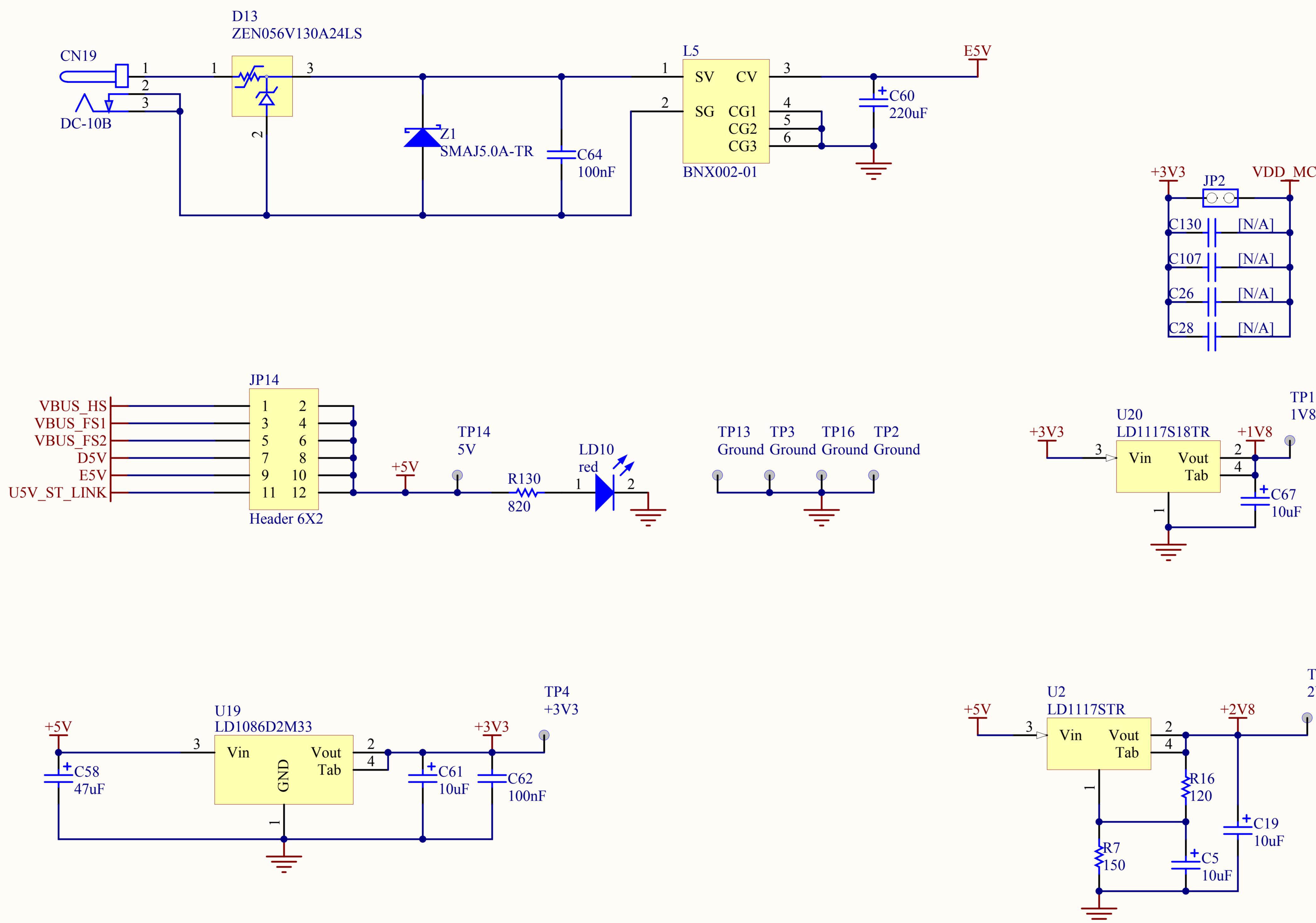
Ceramic capacitor (Low ESR 25m ohm)
Only one 2.2uF required on board

Ceramic capacitor (Low ESR)

Title: MCU	
Project: STM32469I-EVAL	
Size: A3	Reference: MB1165
Revision: C.1	Date: 6/5/2015
Sheet: 2 of 17	



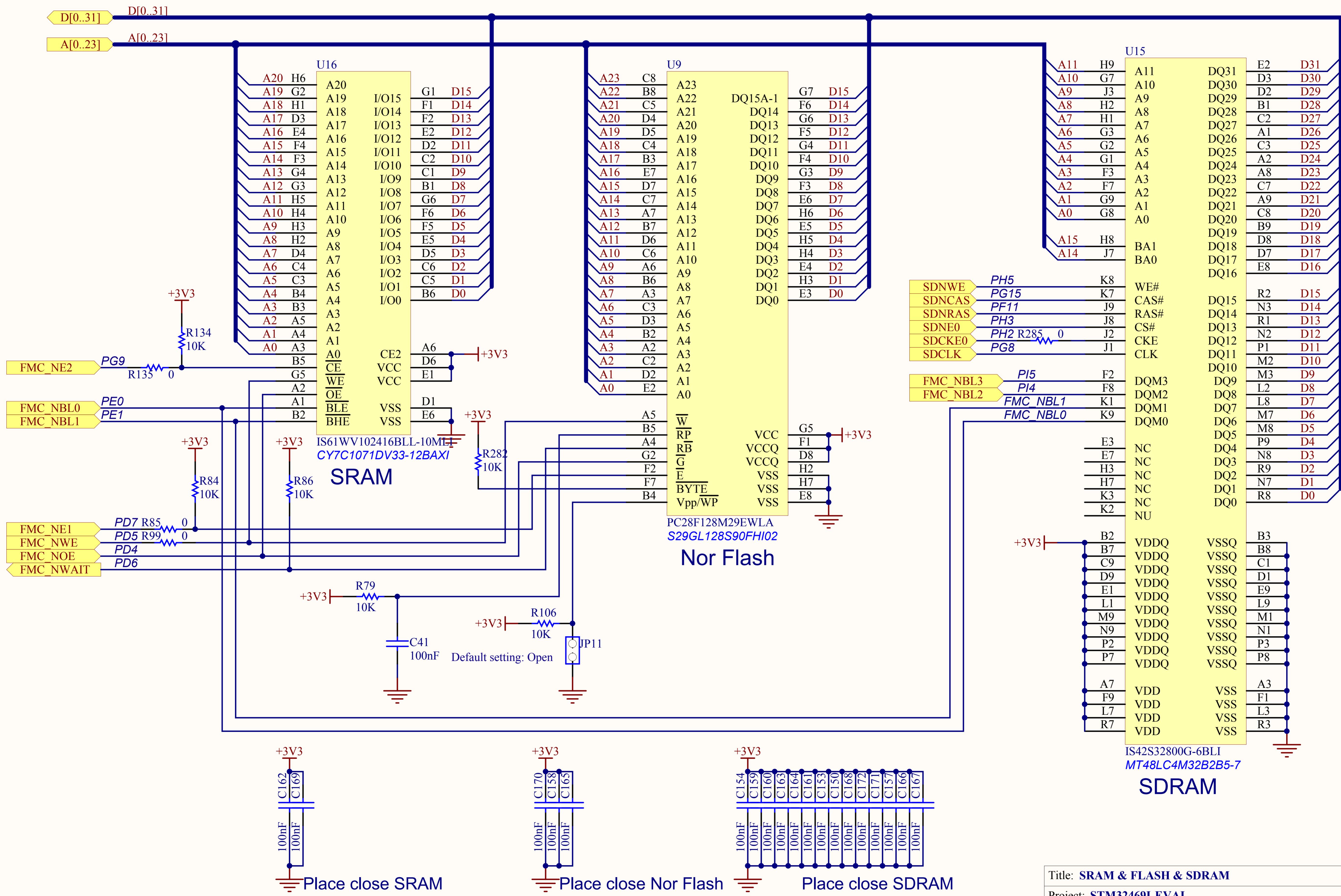
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Title: Power

Project: STM32469I-EVAL

Size: A4 Reference: MB1165 Revision: C.1



Title: **SRAM & FLASH & SDRAM**

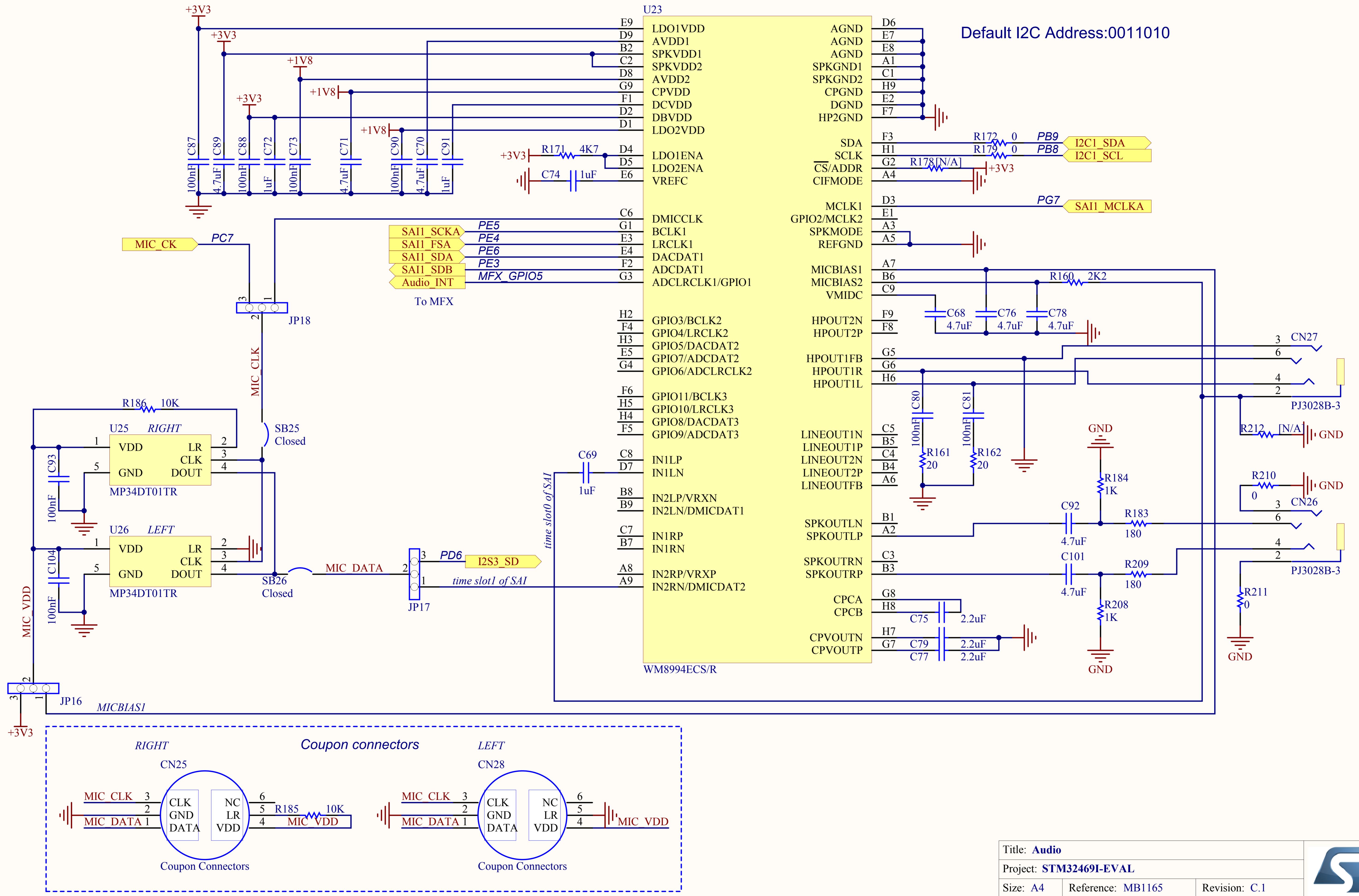
Project: **STM32469I-EVAL**

Size: **A4** Reference: **MB1165** Revision: **C.1**

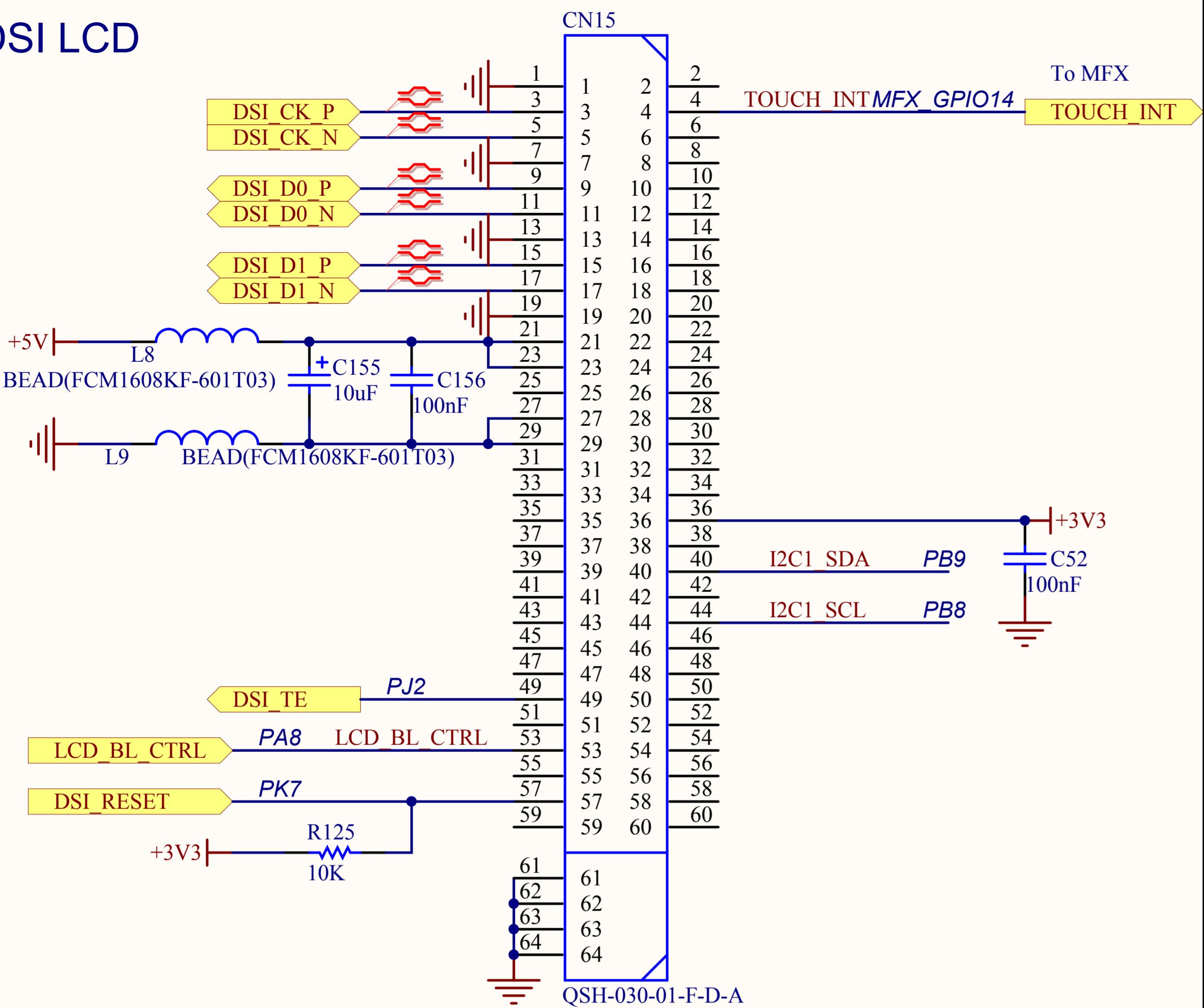
Date: **6/5/2015** Sheet: **4 of 17**



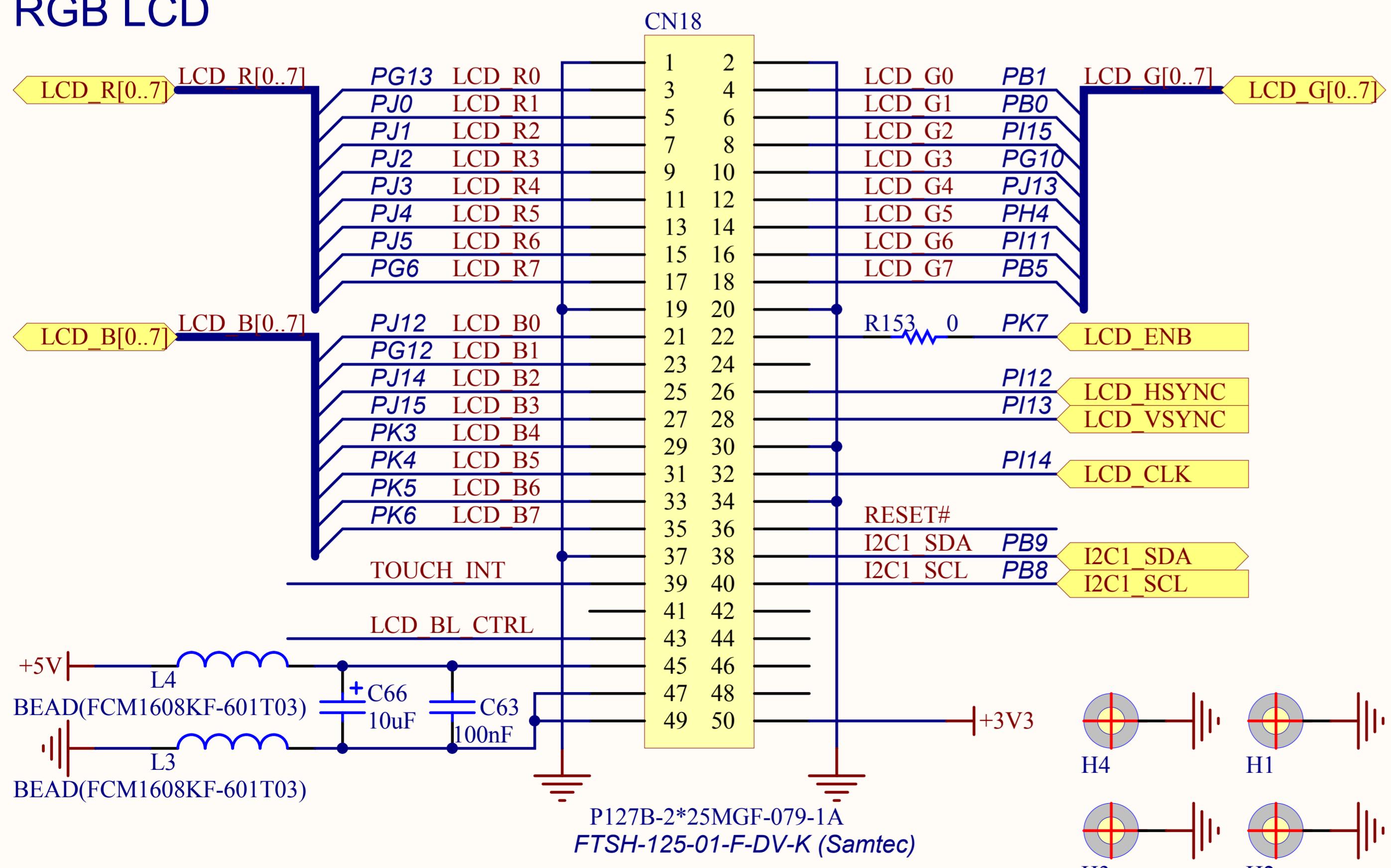
life.augmented



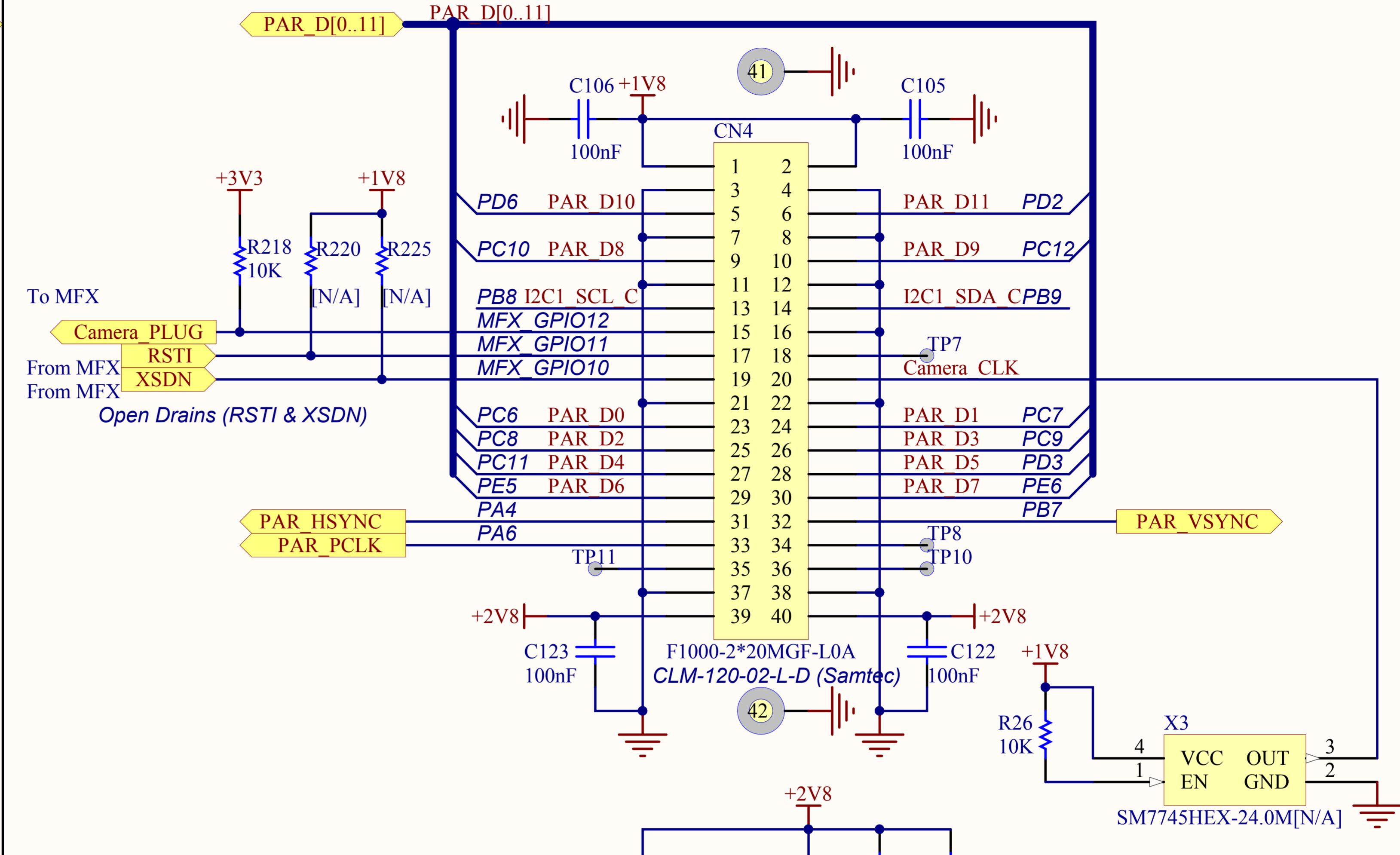
DSI LCD



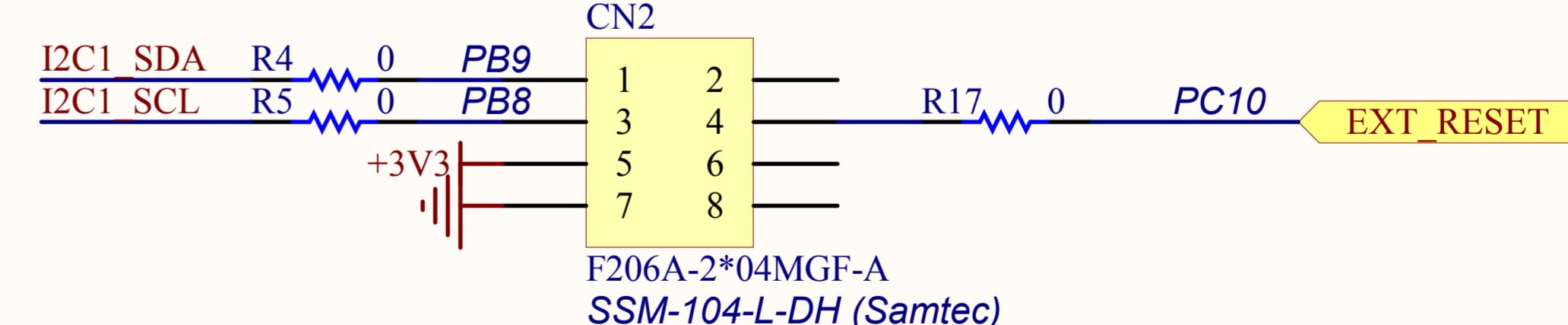
RGB LCD



Camera



EXT/RF E2P Connector

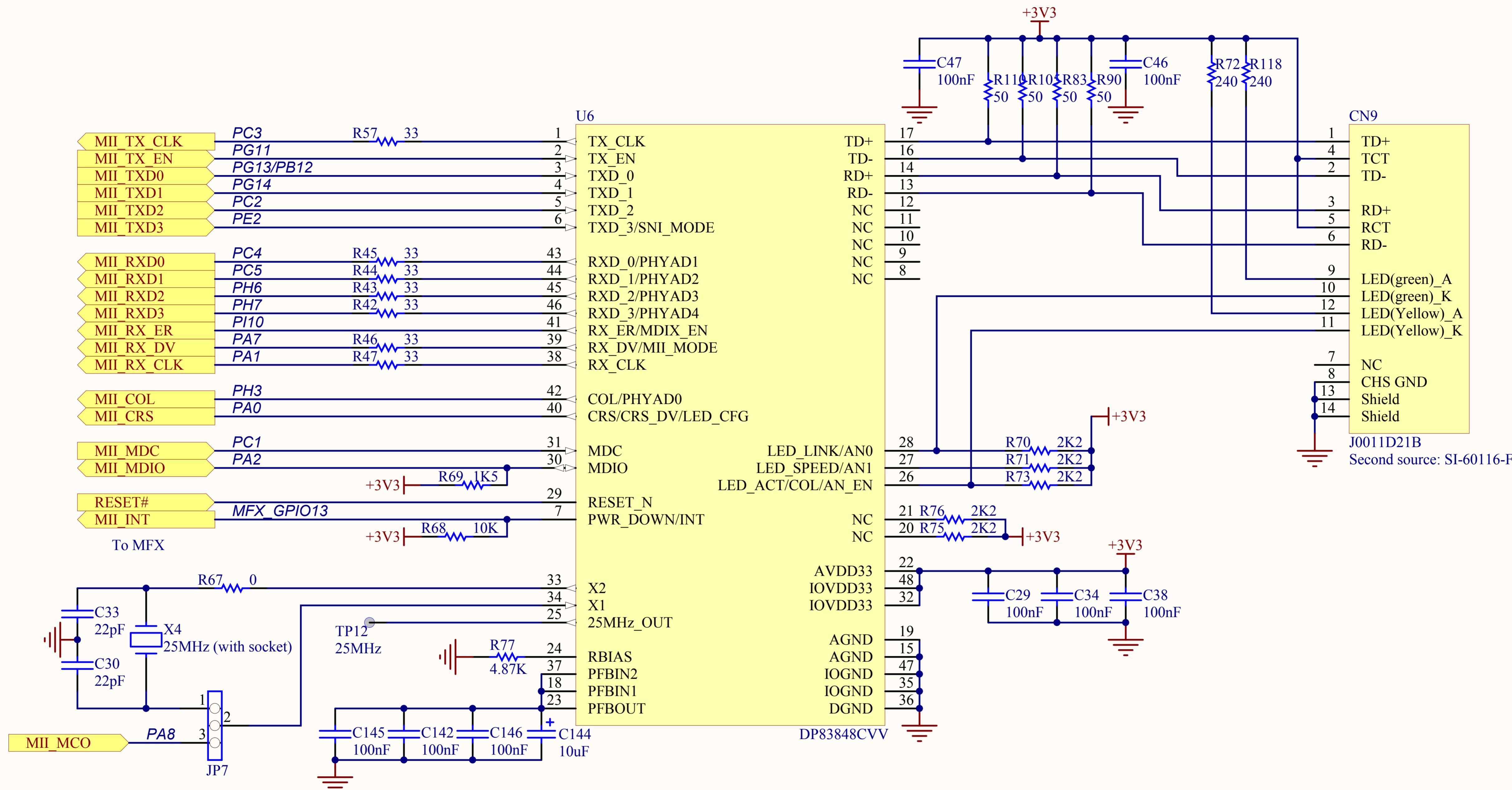


Title: LCD & Camera & Connector

Project: STM32469I-EVAL

Size: A4 Reference: MB1165 Revision: C.1

Date: 6/5/2015

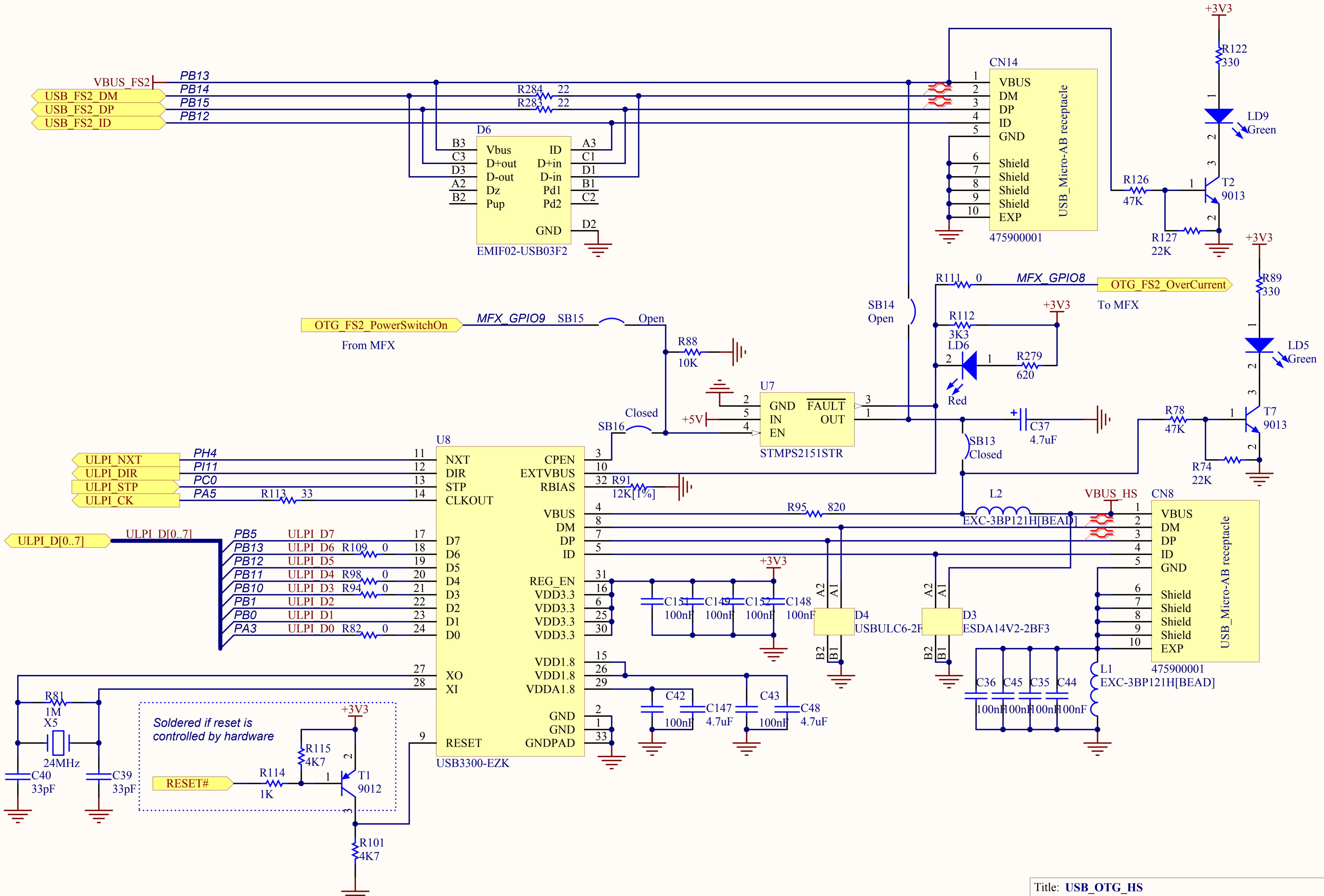


Title: Ethernet

Project: STM32469I-EVAL

Size: A4 | Reference: MB1165 | Revision: C.1

Date: 6/5/2015

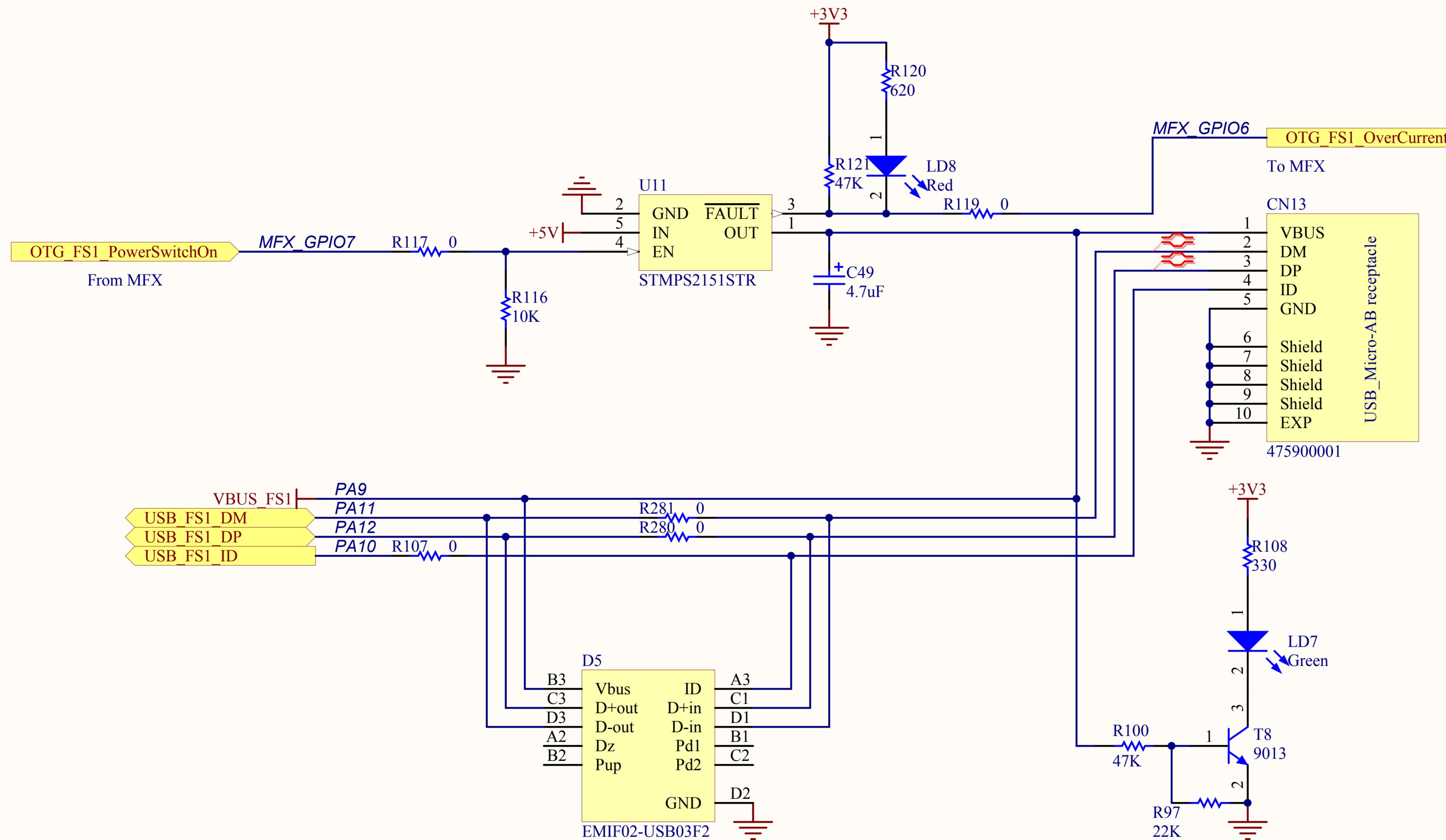


Title: **USB_OTG_HS**

Project: **STM32469I-EVAL**

Size: **A4** Reference: **MB1165** Revision: **C.1**

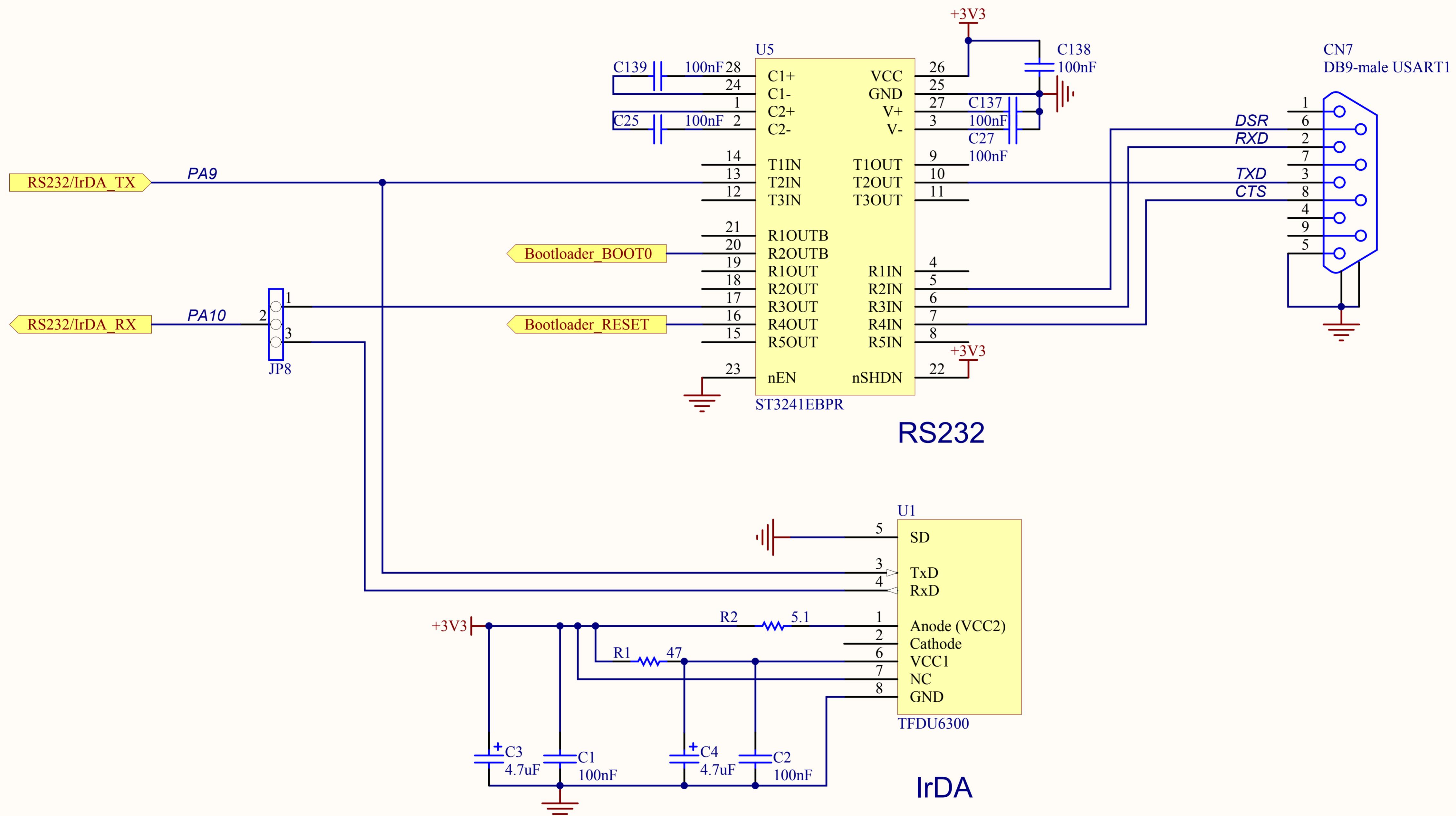
Date: **6/5/2015**



Title: USB_OTG_FS		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015	Sheet: 9	of 17

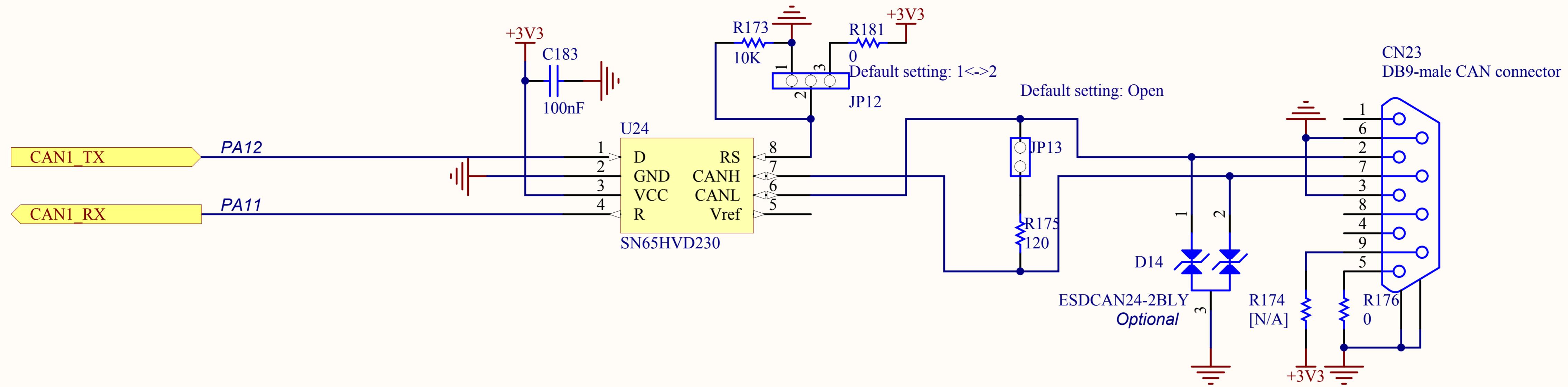


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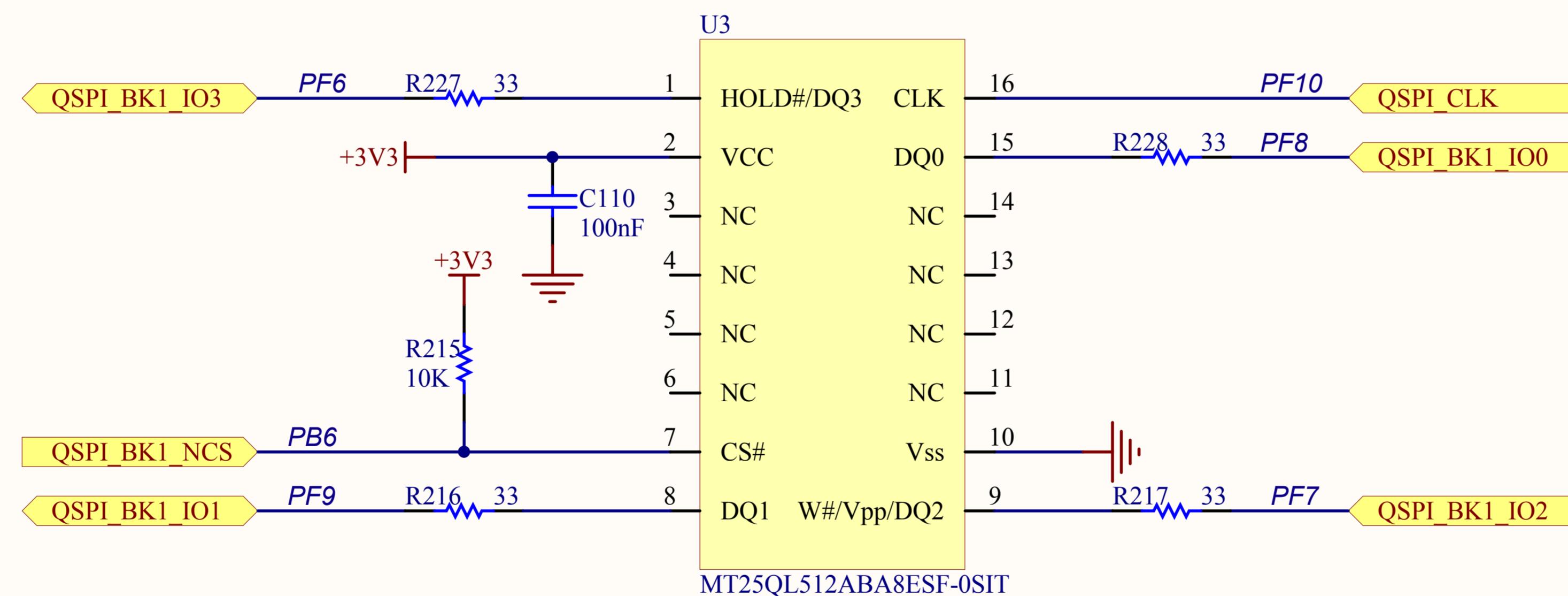


Title: RS232 & IrDA		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015	Sheet: 10 of 17	

CAN



Quad SPI Flash

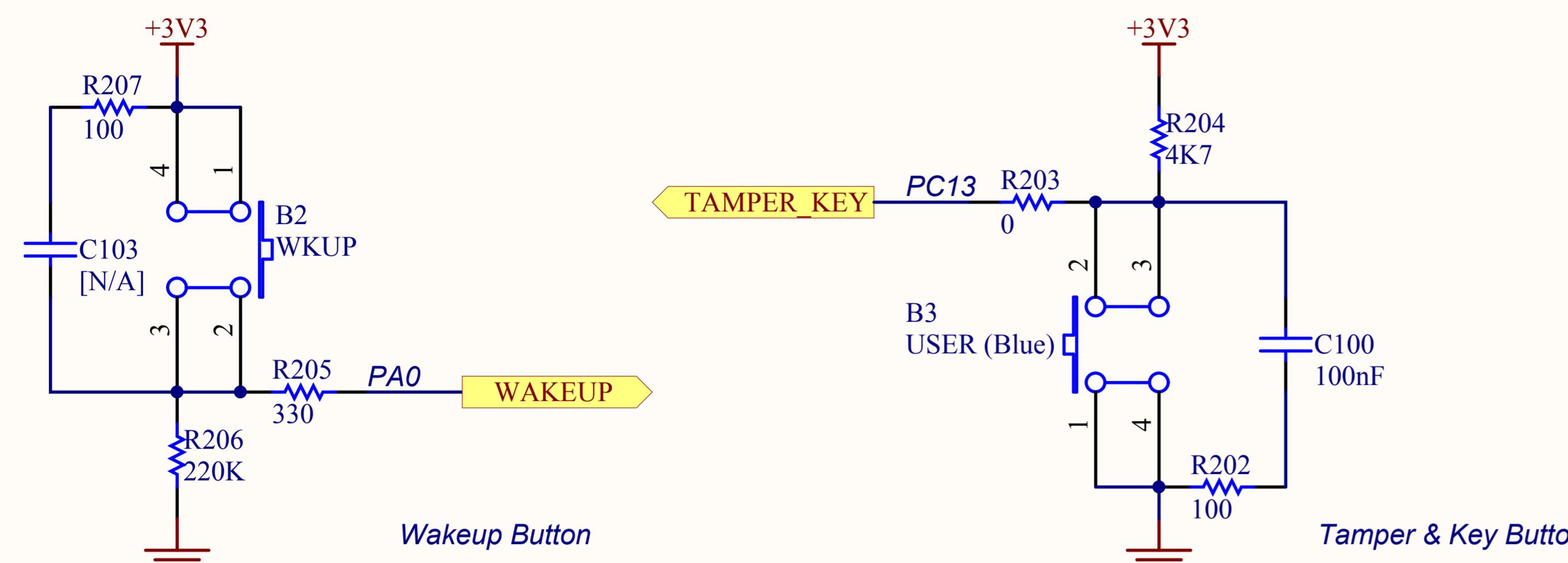


Title: CAN & QSPI		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015	Sheet: 11 of 17	

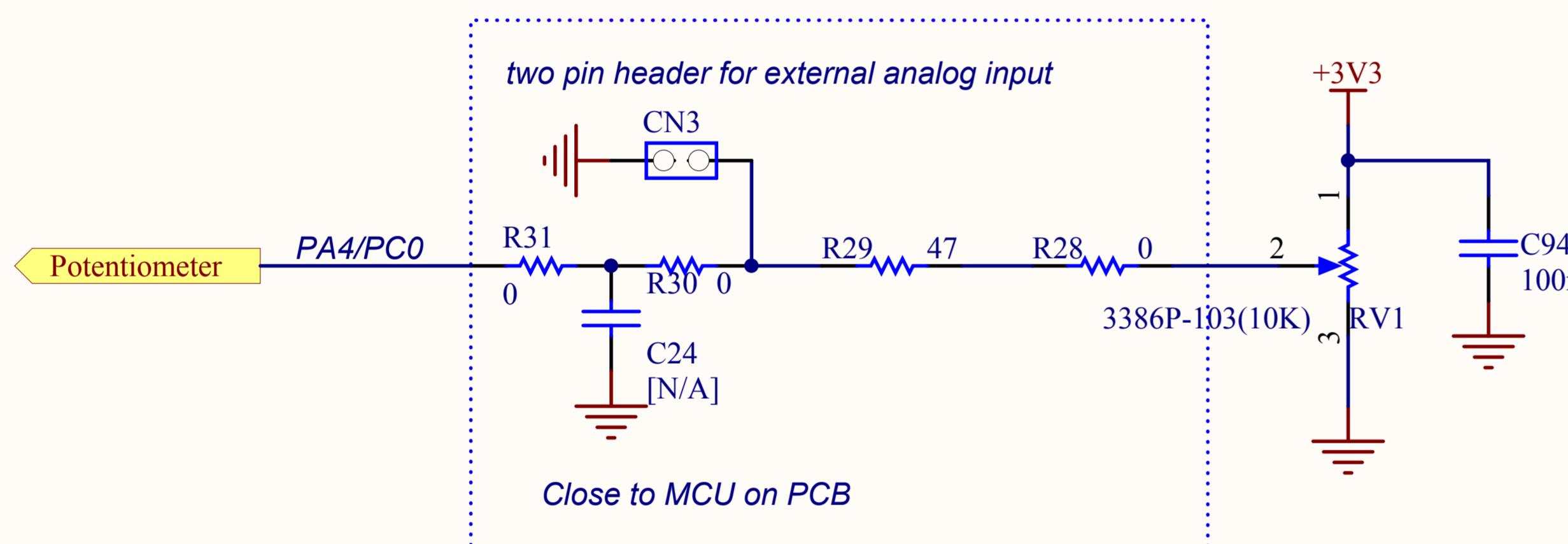


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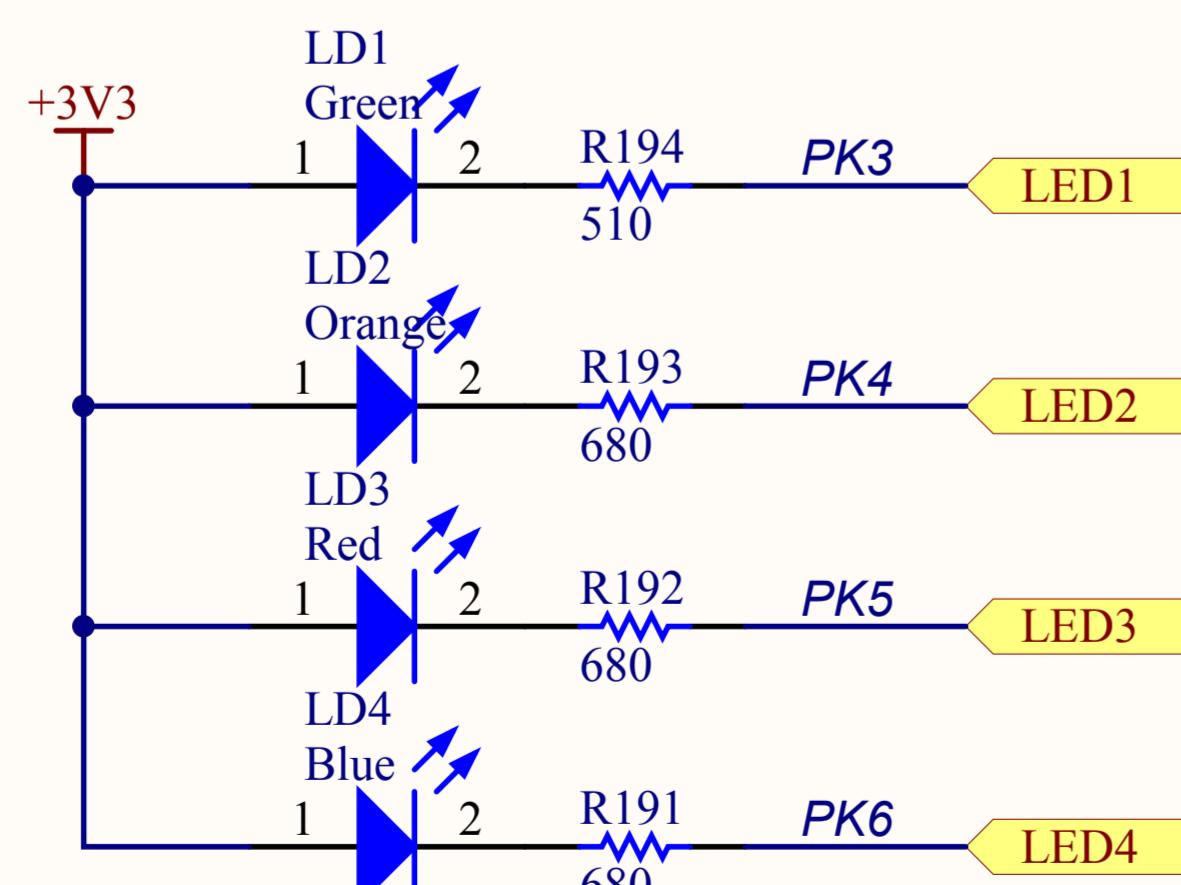
Buttons



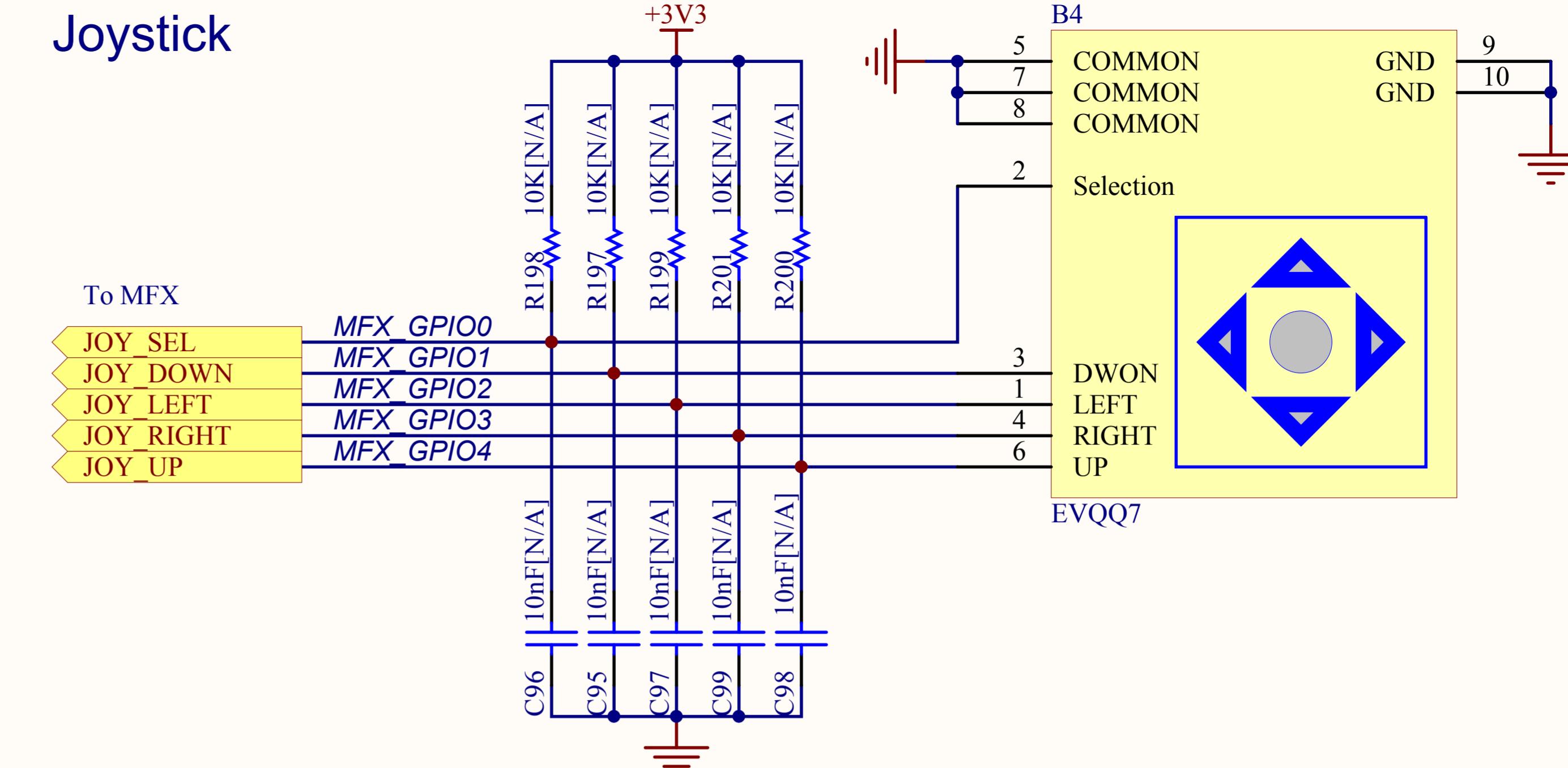
Potentiometer



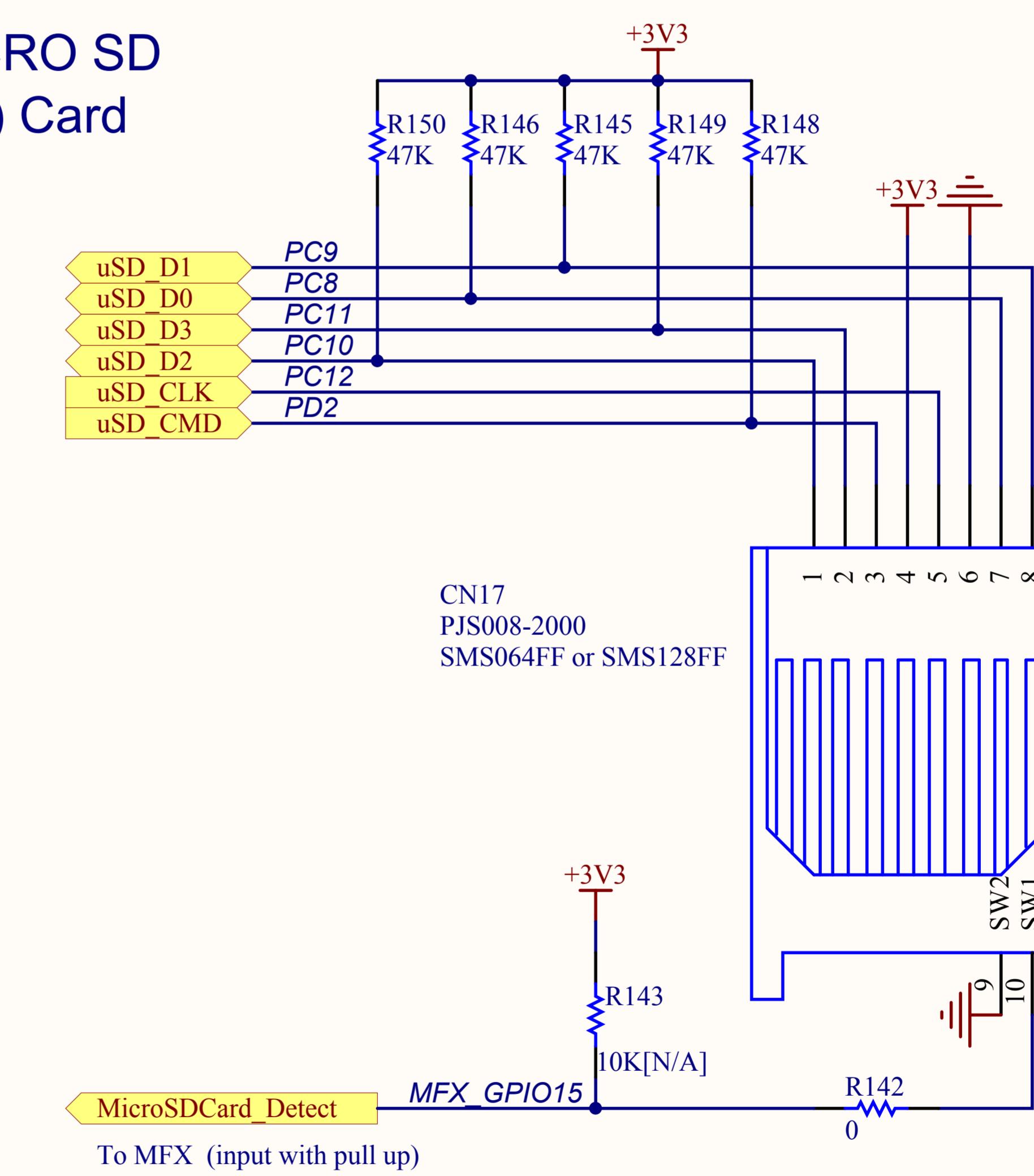
LEDs



Joystick



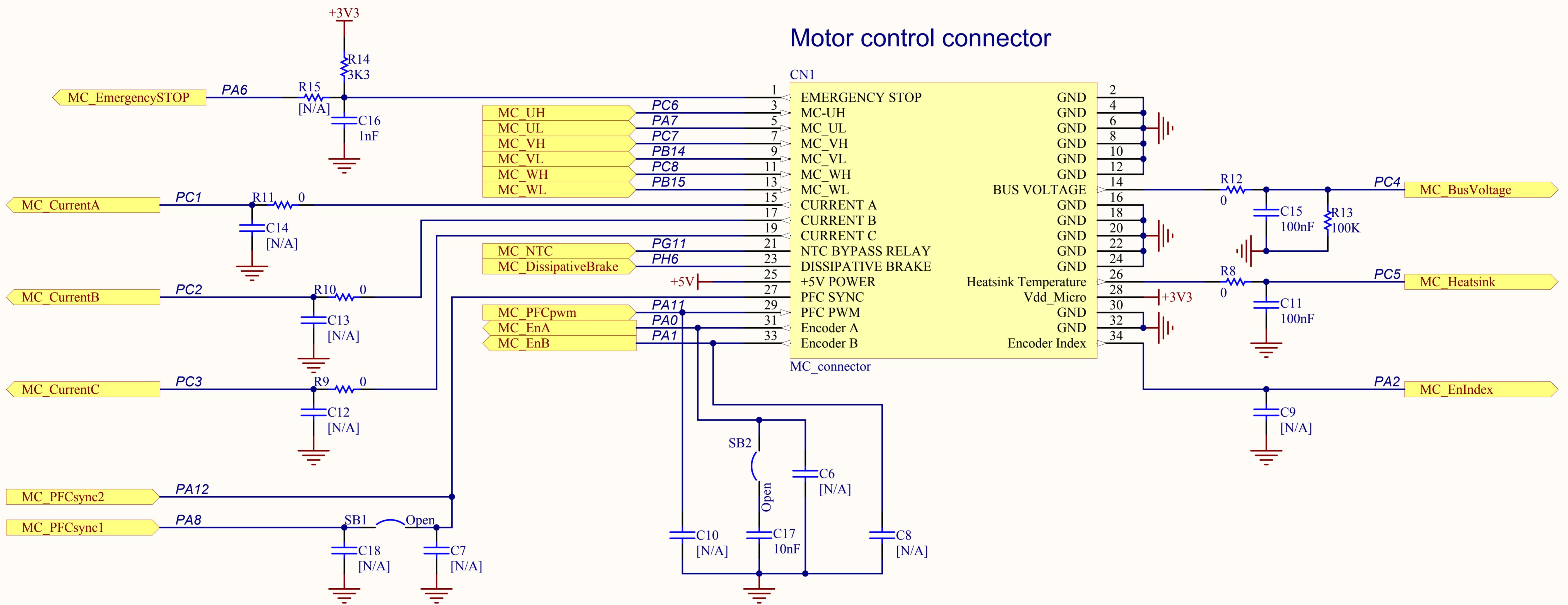
MICRO SD (TF) Card



Title: Peripherals		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015		Sheet: 12 of 17



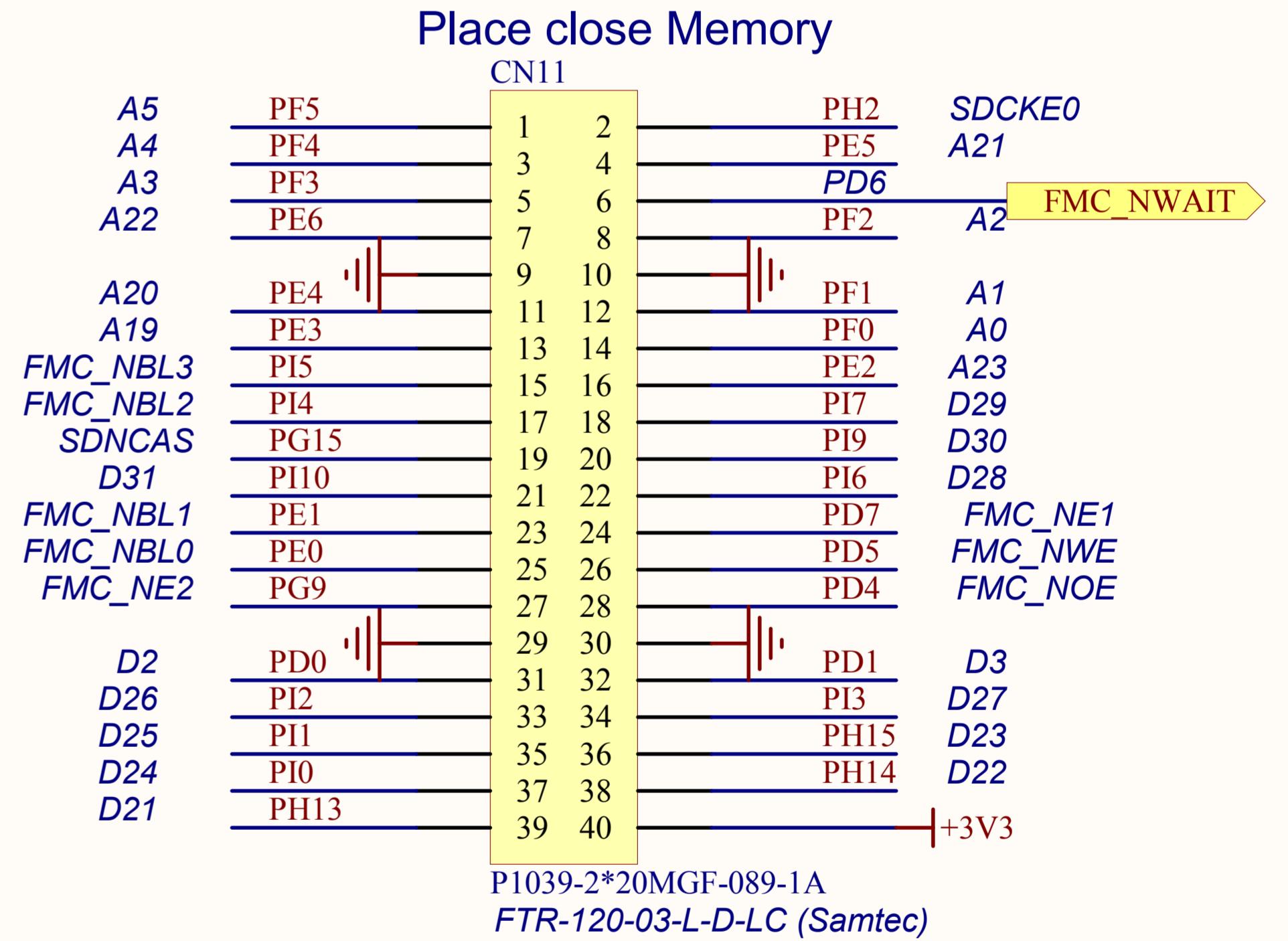
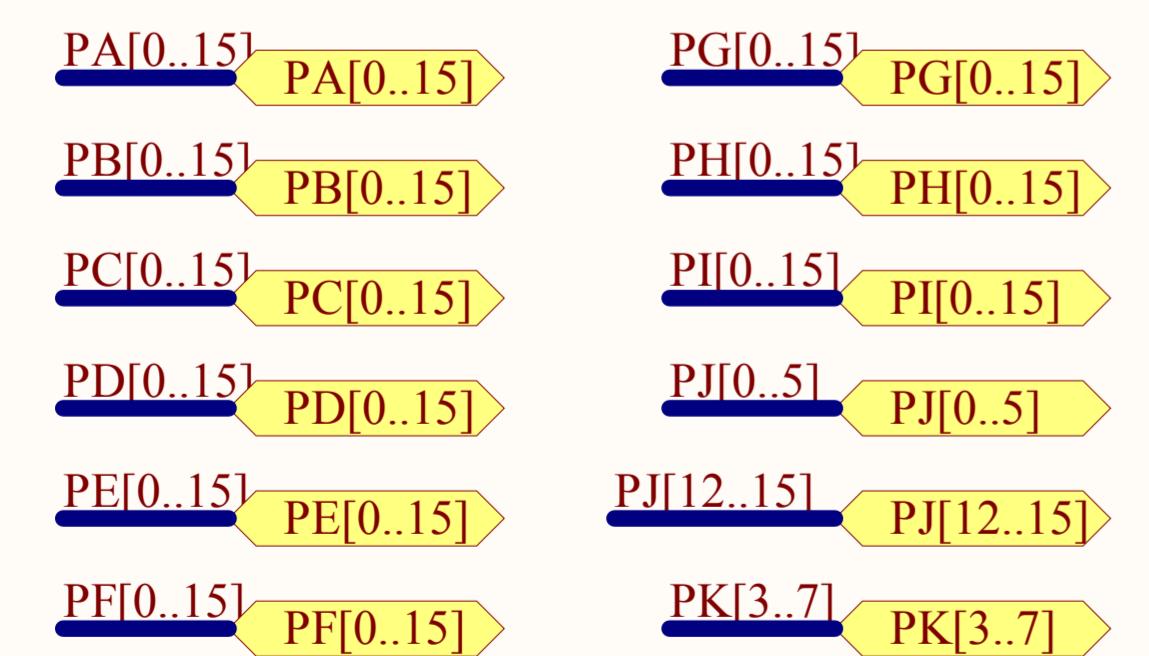
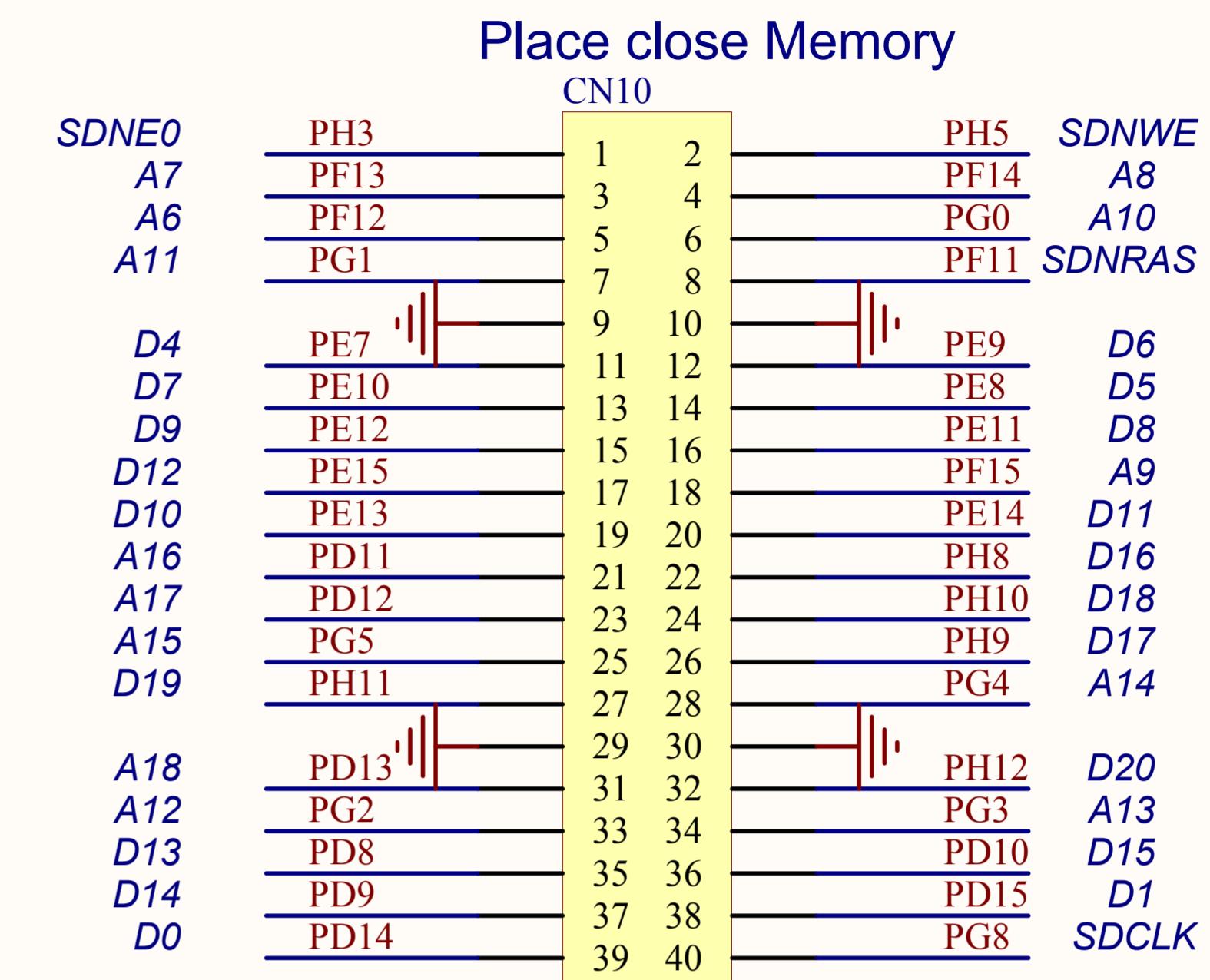
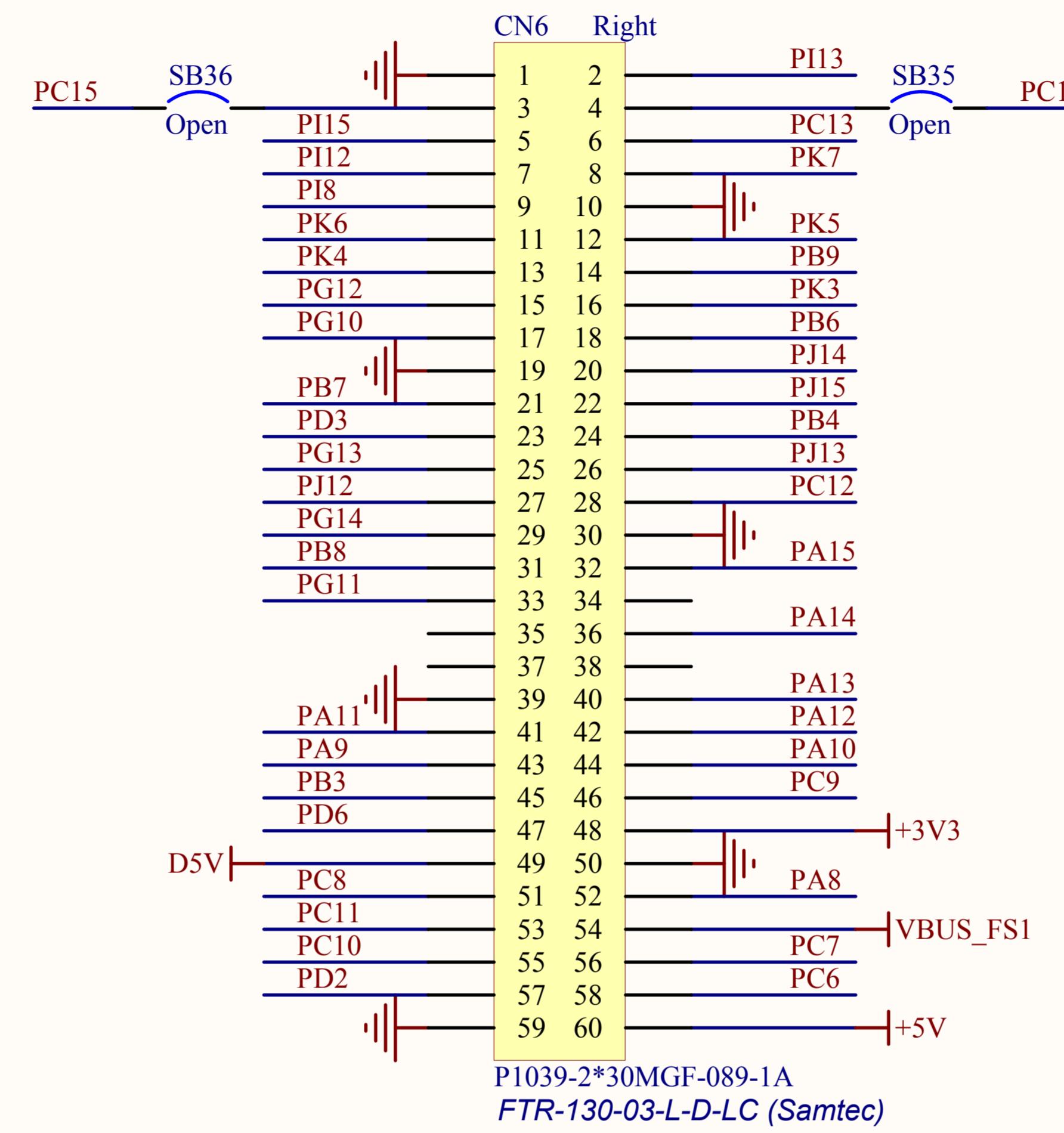
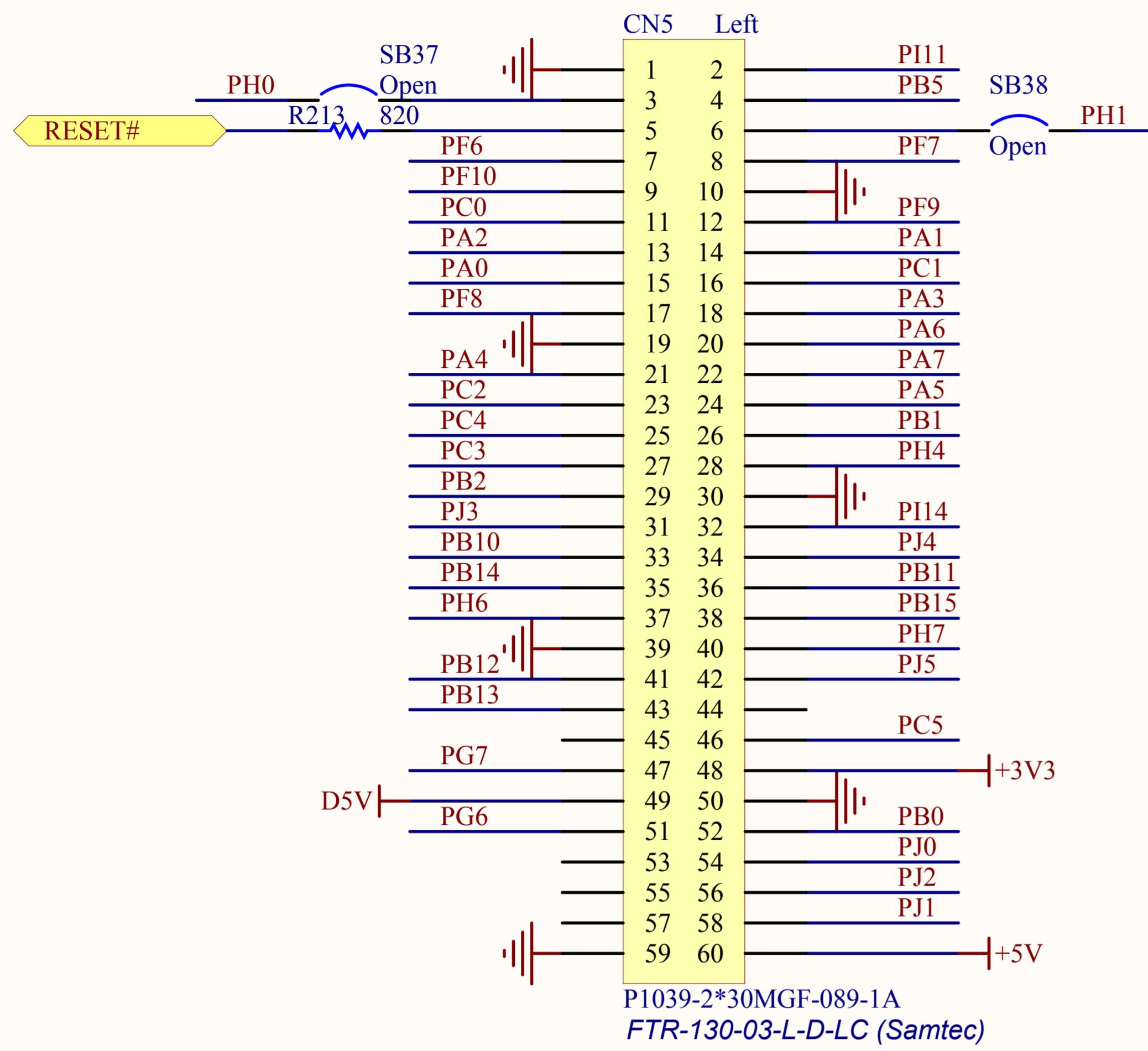
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Title: Motor Control		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015	Sheet: 13 of 17	



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Title: Extension Connectors

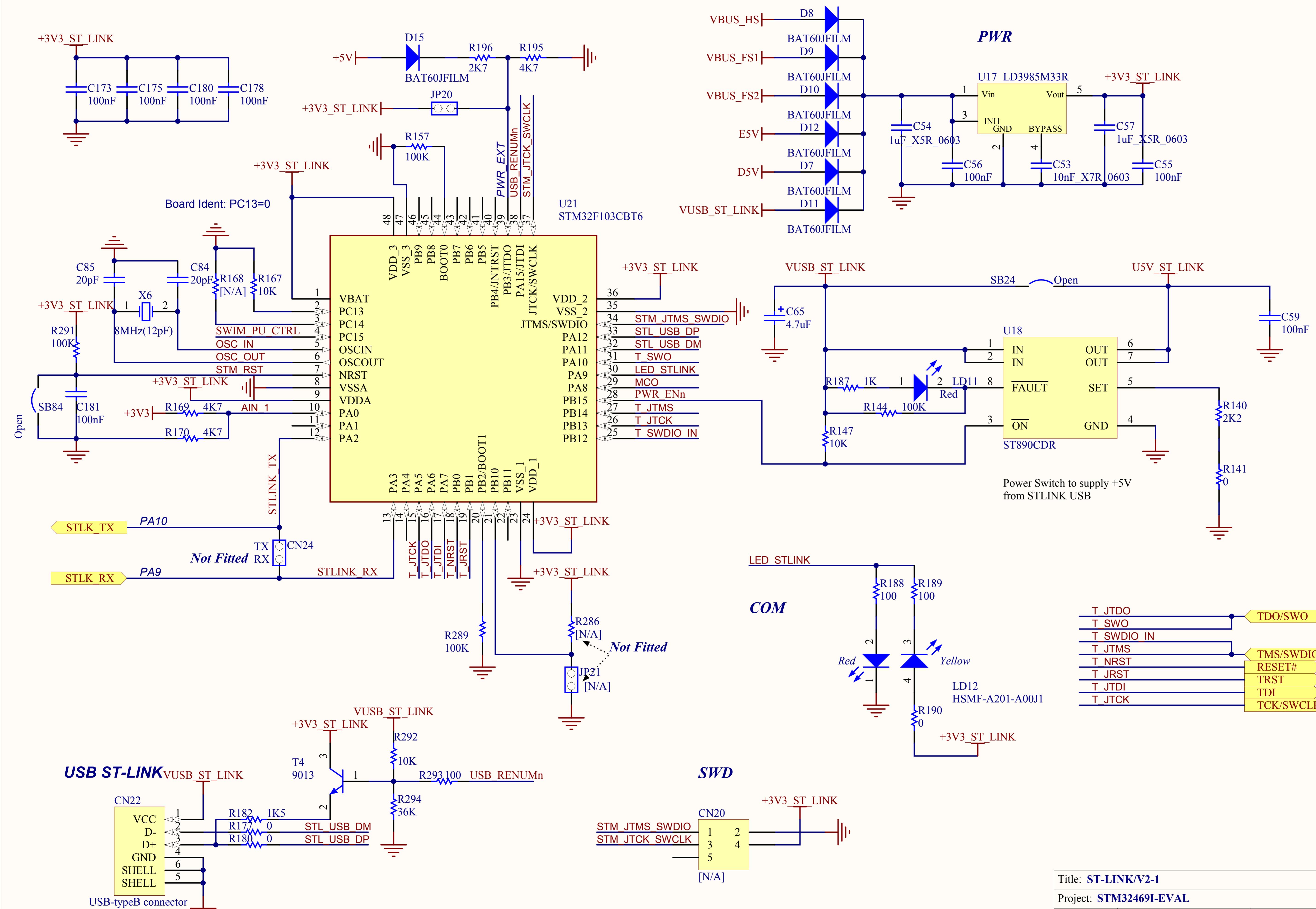
Project: STM32469I-EVAL

Size: A4 Reference: MB1165 Revision: C.1

Date: 6/5/2015 Sheet: 14 of 17



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Title: ST-LINK/V2-1

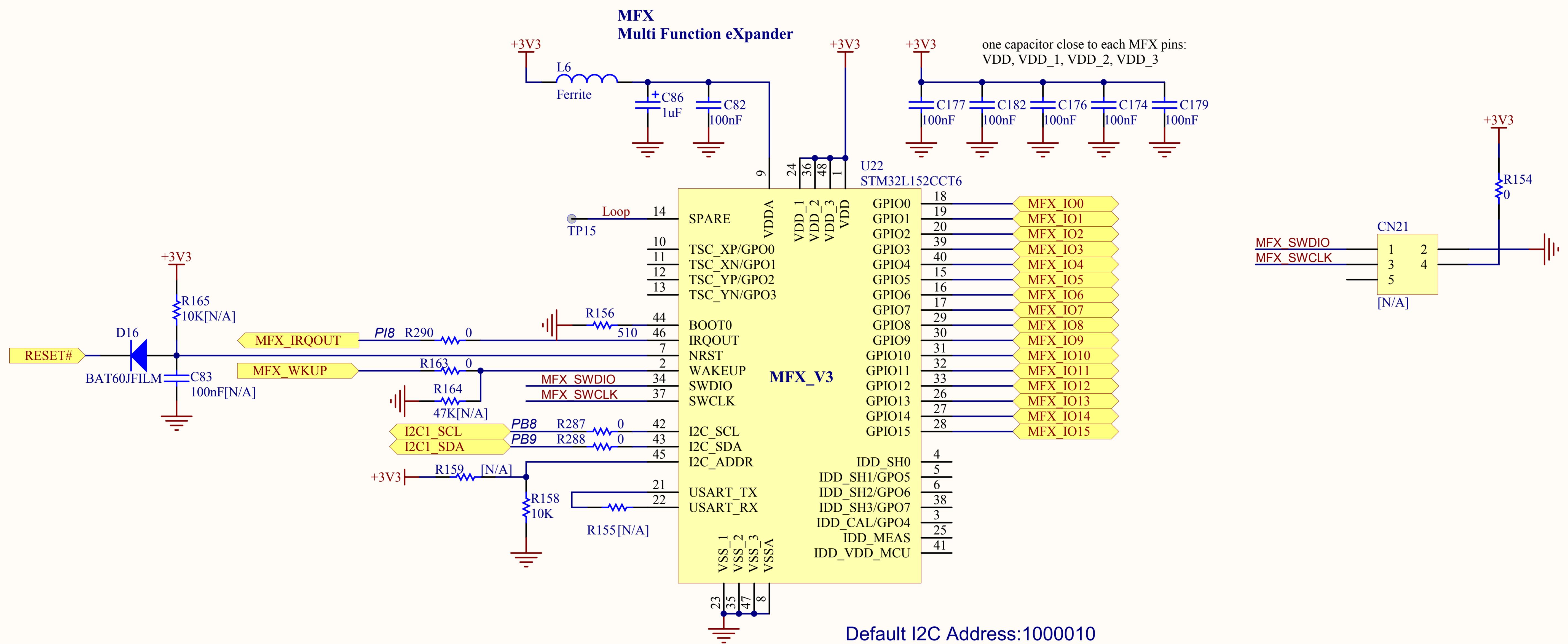
Project: STM32F103CBT6-EVAL

Size: A4 | Reference: MB1165 | Revision: C.1

Date: 6/5/2015 | Sheet: 15 of 17



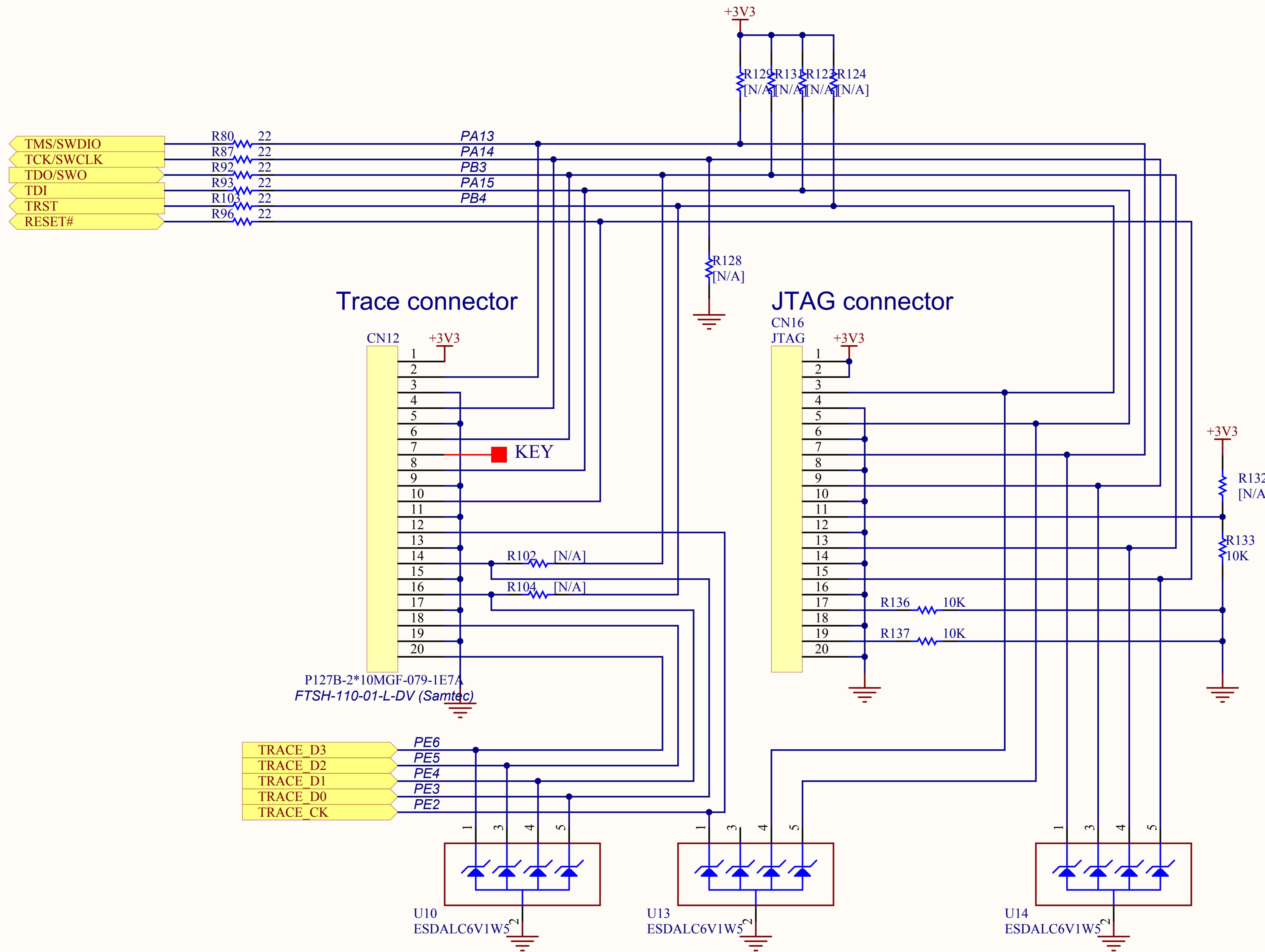
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Title: MFX		
Project: STM32469I-EVAL		
Size: A4	Reference: MB1165	Revision: C.1
Date: 6/5/2015		Sheet: 16 of 17



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Title: **JTAG & Trace**

Project: **STM32469I-EVAL**

Size: **A4** Reference: **MB1165** Revision: **C.1**

Date: **6/5/2015**



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