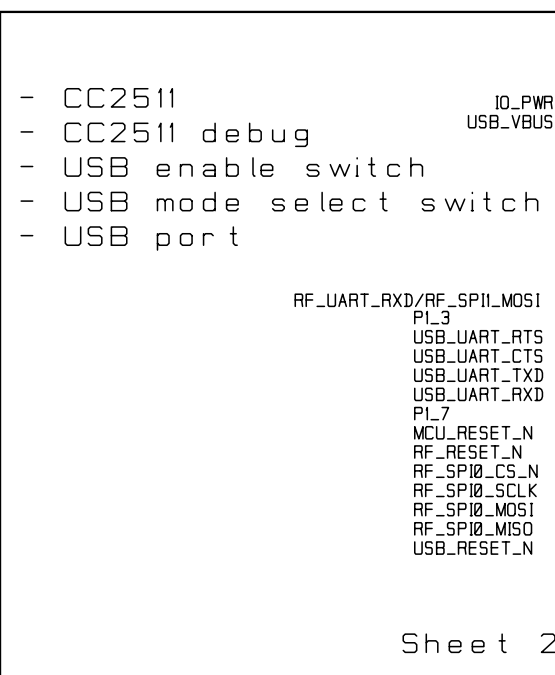
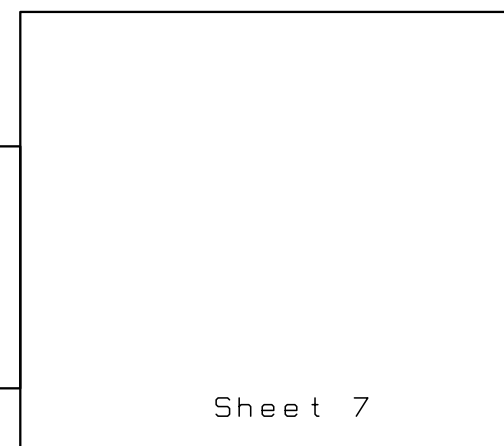


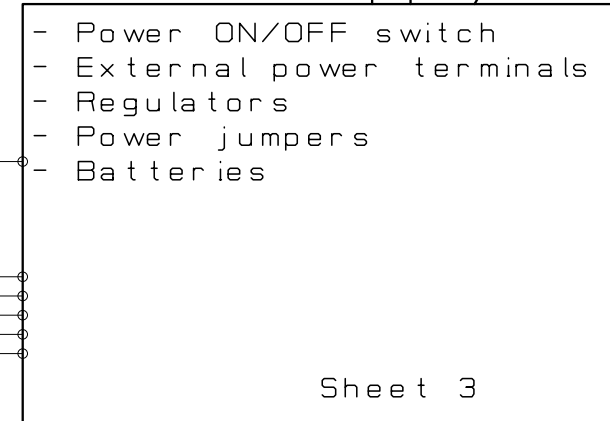
USB Interface



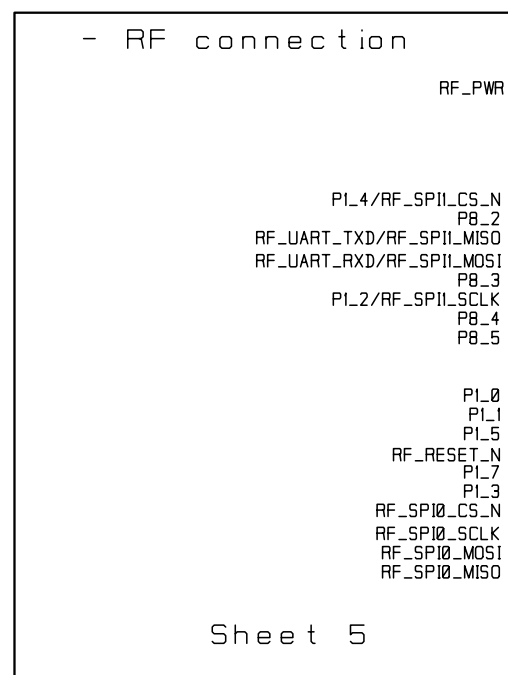
EXT I/O



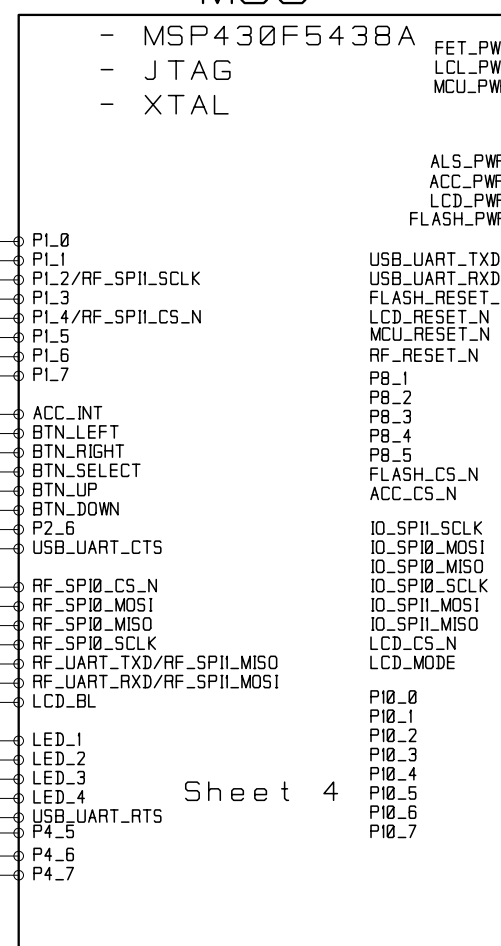
Power Supply



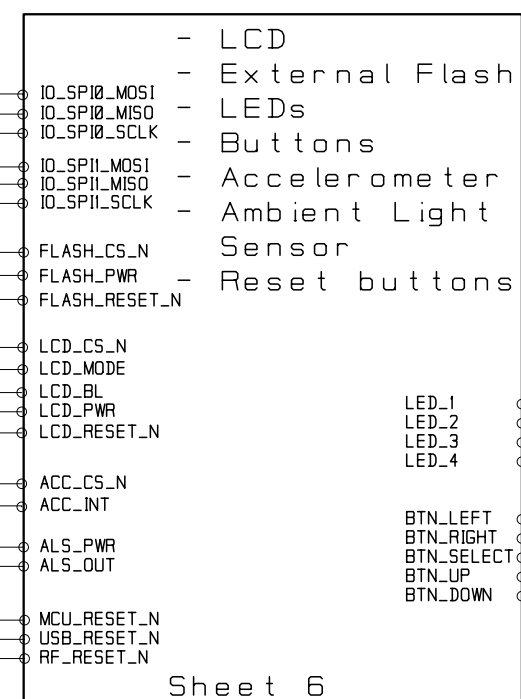
RF Interface



MCU



User Interface



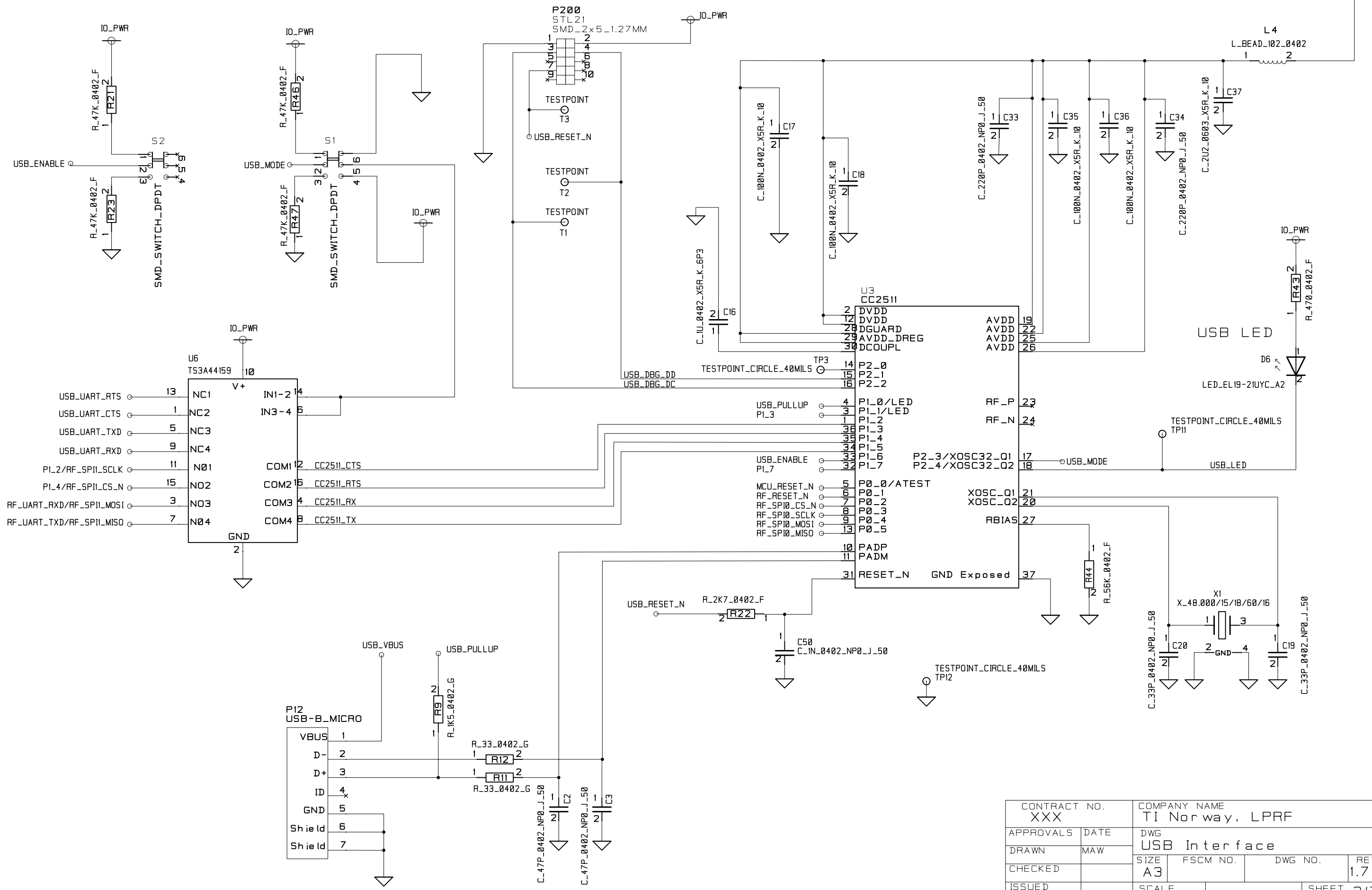
FIDUCIAL_MARK FIDUCIAL_MARK FIDUCIAL_MARK
FM1 FM3 FM5

FIDUCIAL_MARK FIDUCIAL_MARK FIDUCIAL_MARK
FM4 FM6 FM2

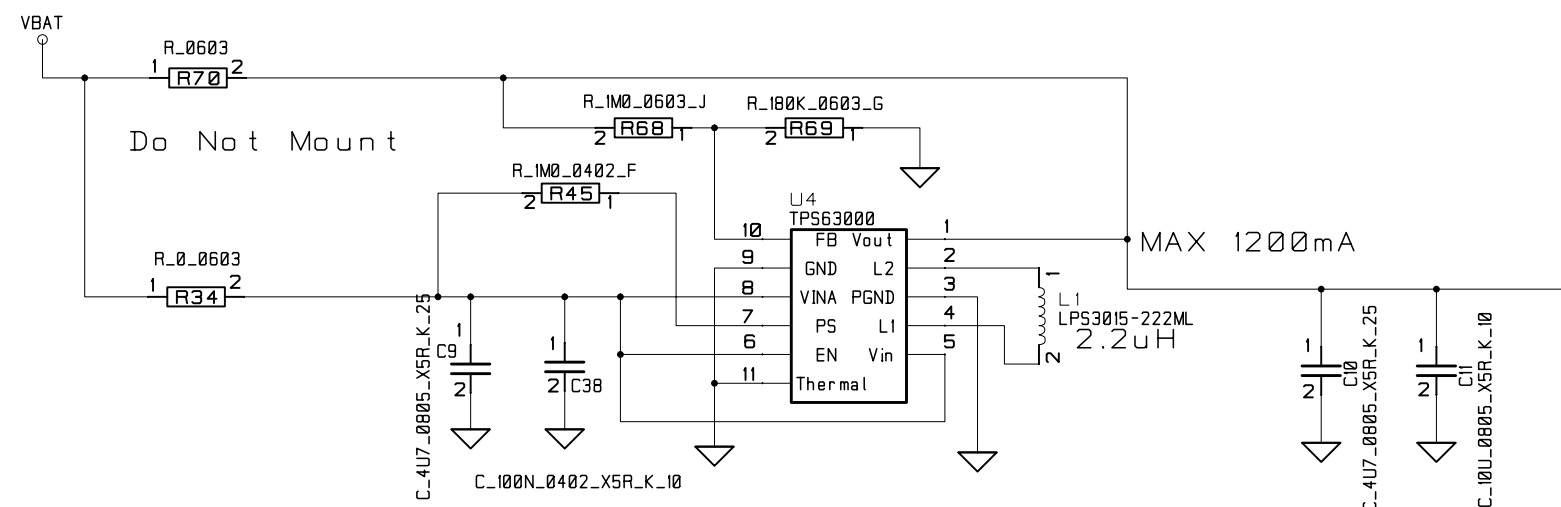
FIDUCIAL_MARK FIDUCIAL_MARK FIDUCIAL_MARK

CONTRACT NO. XXX		COMPANY NAME TI Norway, LPRF			
APPROVALS	DATE	DWG TrxEB Top Level			
DRAWN	MAW				
CHECKED					
ISSUED		SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.
		SCALE			SHEET 1/7

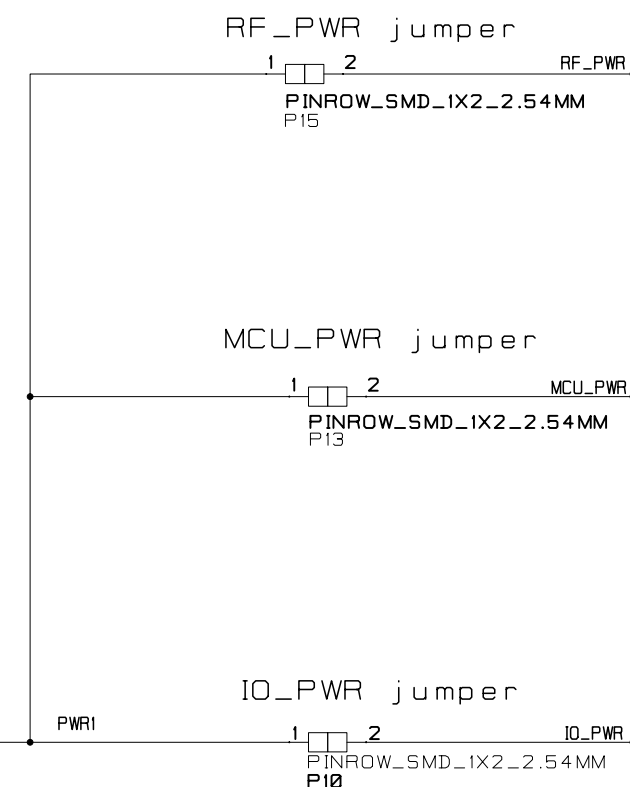
USB SoC Debug



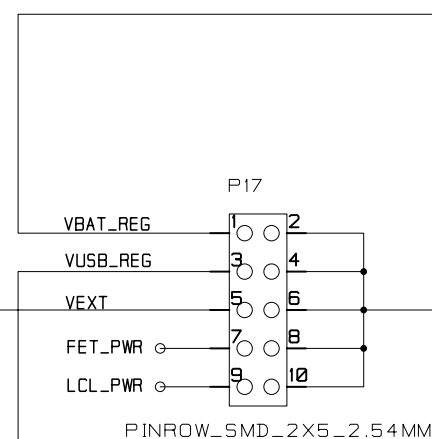
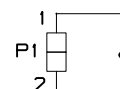
CONTRACT NO. XXX		COMPANY NAME TI Norway, LPRF			
APPROVALS	DATE	DWG USB Interface			
DRAWN	MAW	SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.0
CHECKED					
ISSUED		SCALE		SHEET	2 (7)



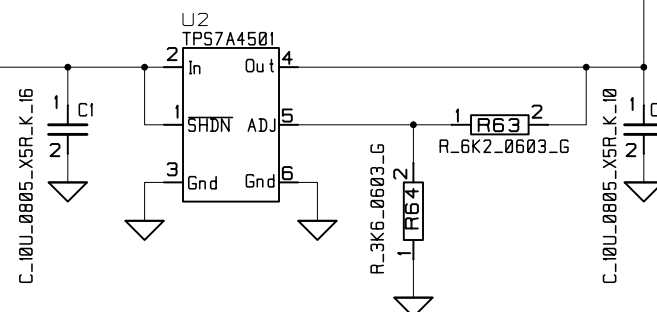
TPS63000 Feedback :
R68 - 1M, R69 - 180K
TPS63001 Feedback :
R68 - 0, R69 - Not Mounted



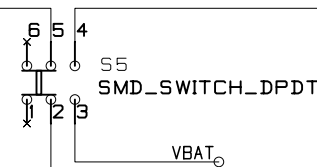
EXTERNAL POWER
PINROW_SMD_1X2_2.54MM



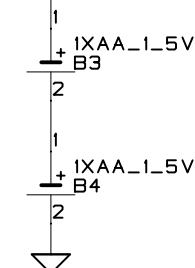
USB POWER
USB_VBUS



Power On/Off



Battery

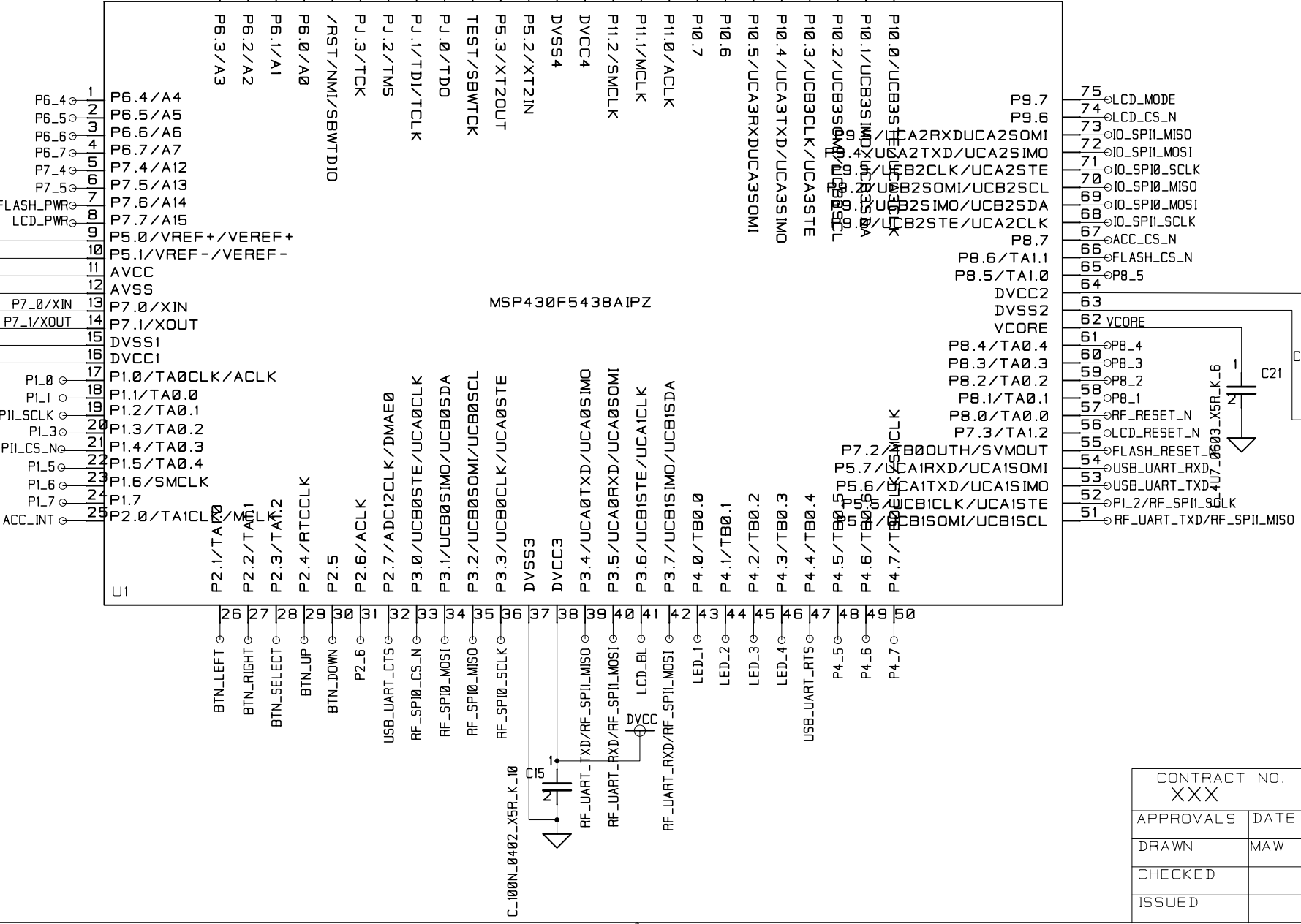
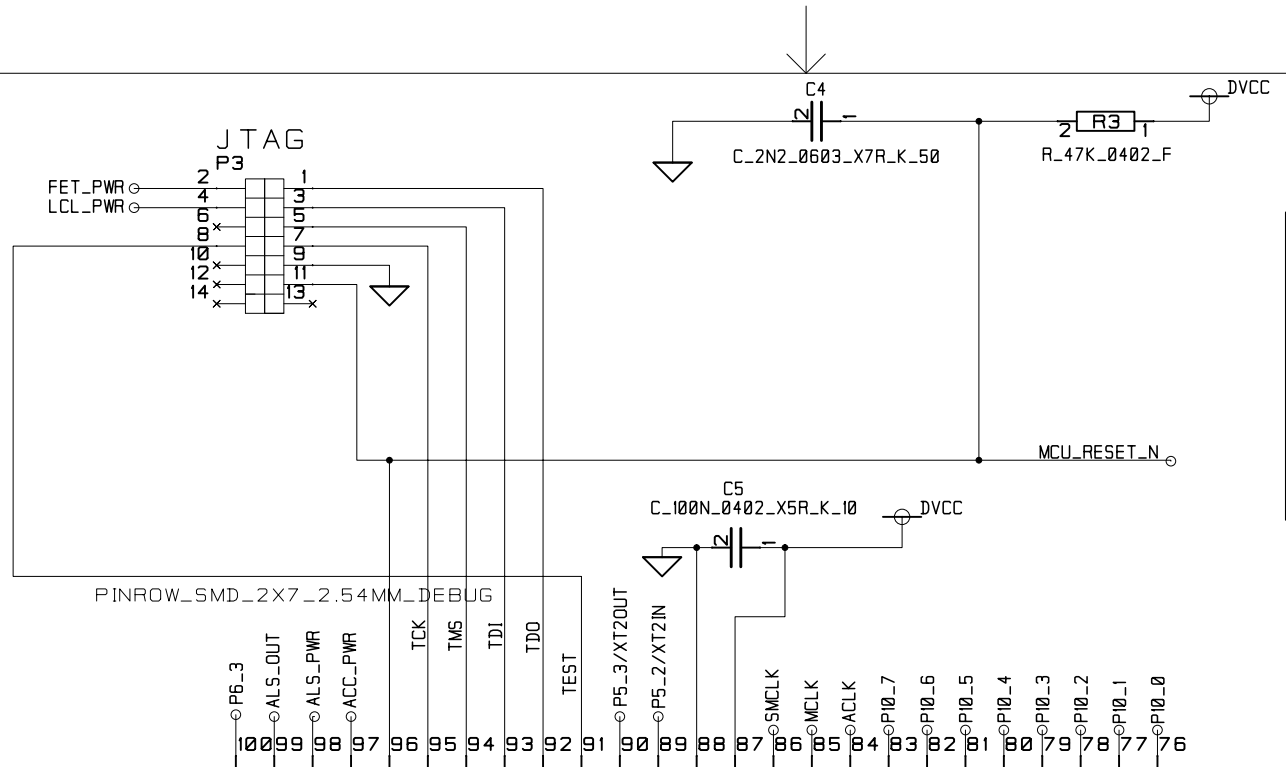
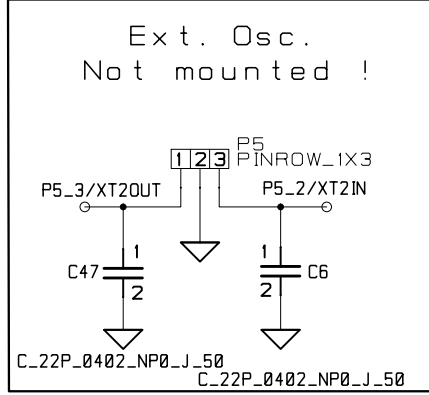
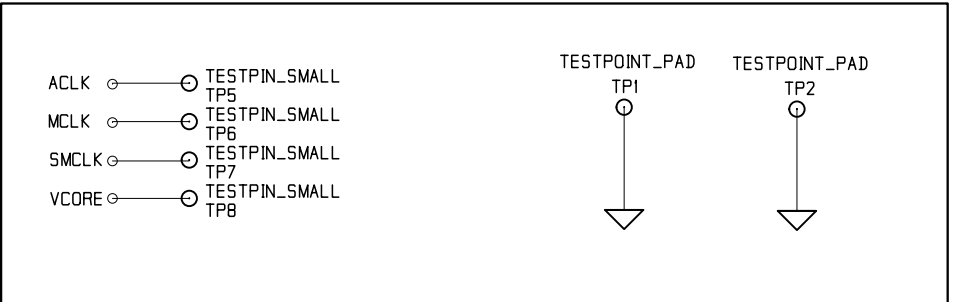


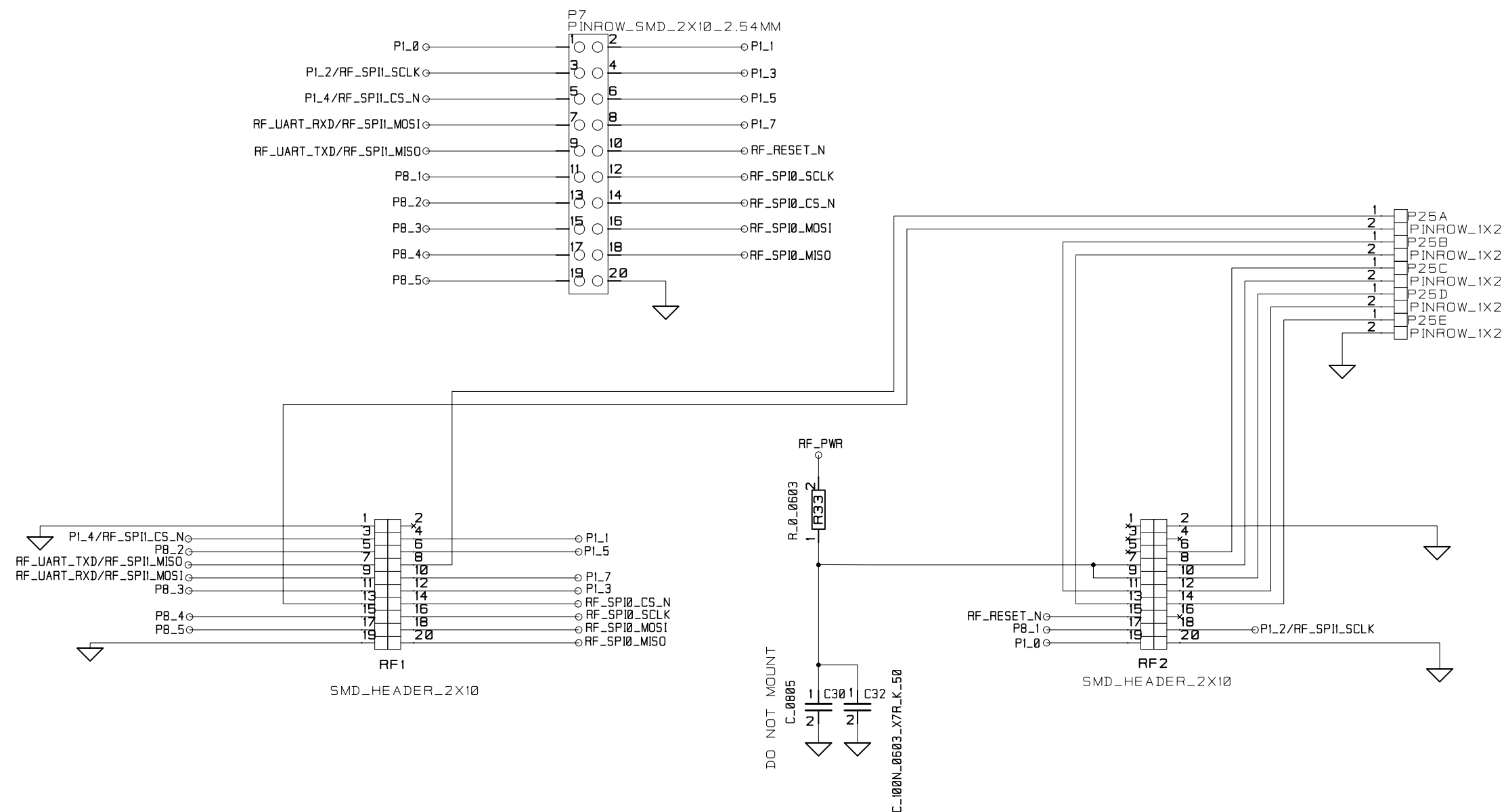
Power Jumper Settings:

Battery : 1-2 & 9-10
USB : 3-4 & 9-10
EXTERNAL: 5-6 & 9-10
FET_PWR : 7-8, (Disconnect 9-10)

CONTRACT NO. XXX		COMPANY NAME TI Norway, LPRF			
APPROVALS	DATE	DWG Power Supply			
DRAWN	MAW				
CHECKED		SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.0
ISSUED		SCALE		SHEET	3(7)

TEST POINTS





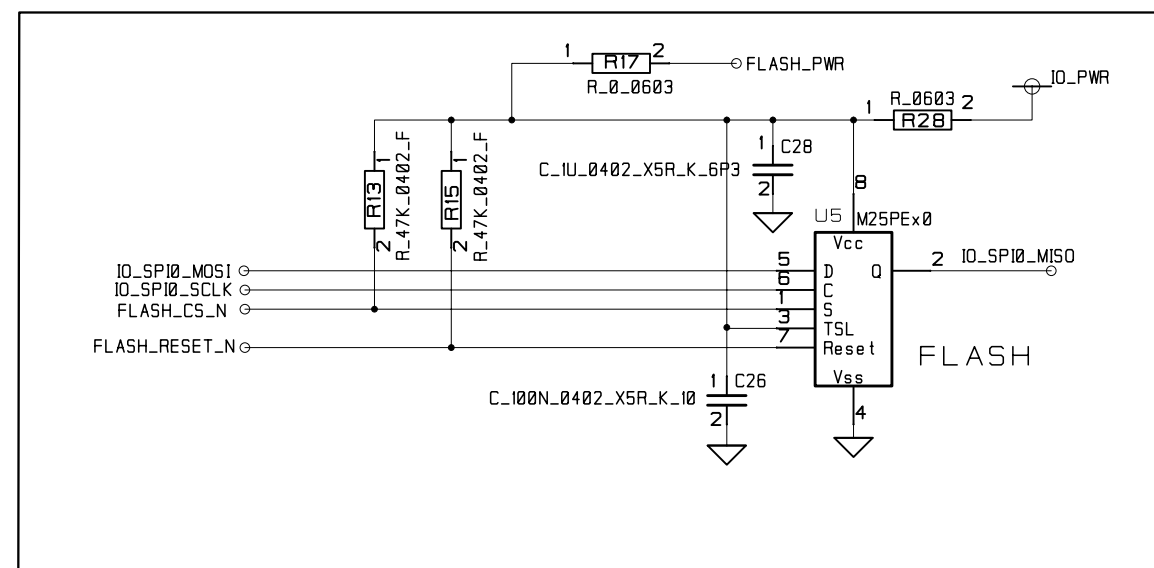
Connectors RF1 and RF2 are SMD,
2x10 pin row headers with 0.05 spacing.
P/N TFM-110-02-SM-D-A-K, produced by Samtec.

The matching connector used on RF
evaluation modules are SFM-110-02-SM-D-A-K.

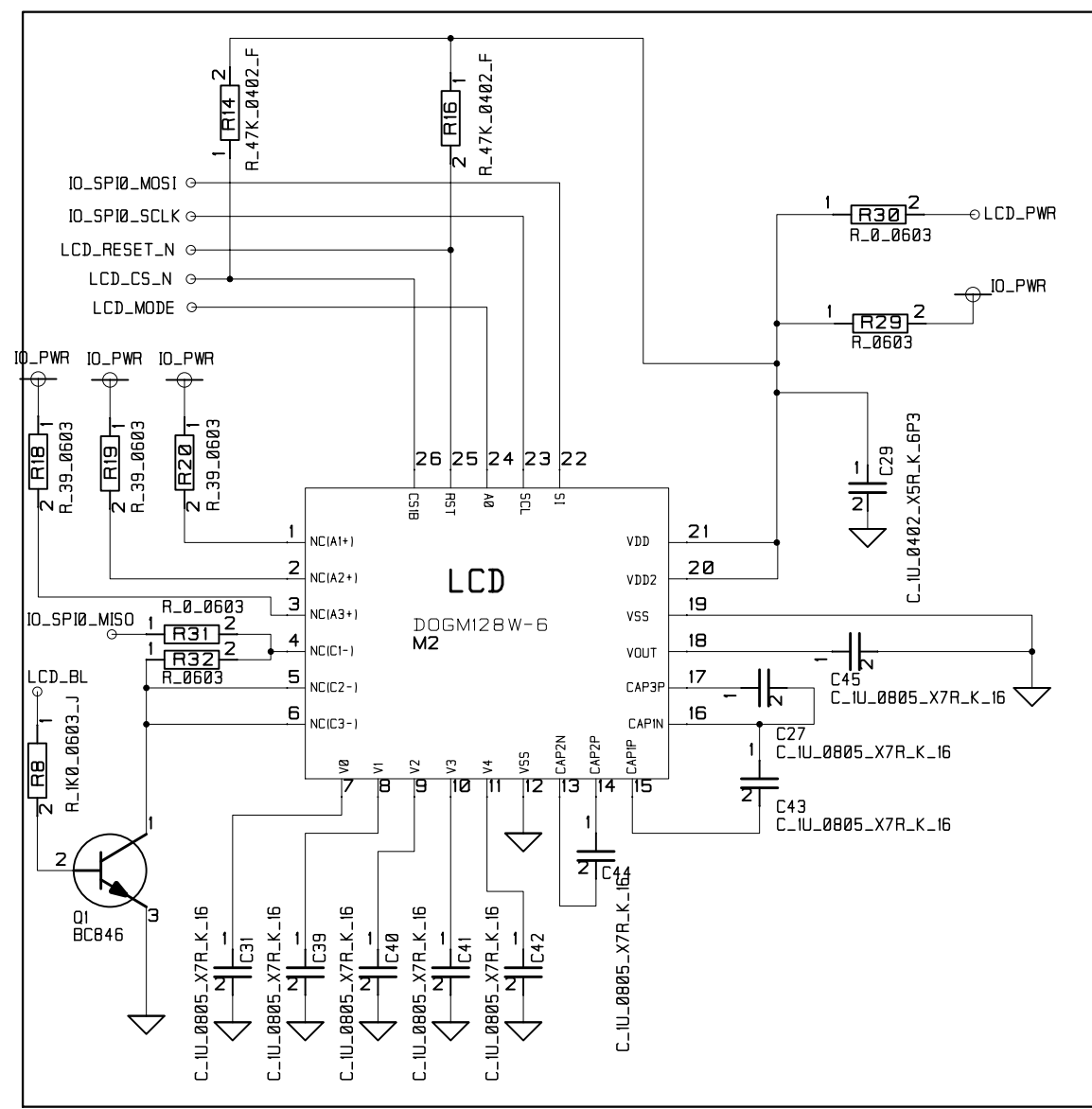
The distance between RF1 and RF2 is 1200 mils
(center to center).

CONTRACT NO. XXX		COMPANY NAME TI Norway, LPRF			
APPROVALS	DATE	DWG EM Interface			
DRAWN	MAW				
CHECKED					
		SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.0
ISSUED		SCALE			SHEET 5(7)

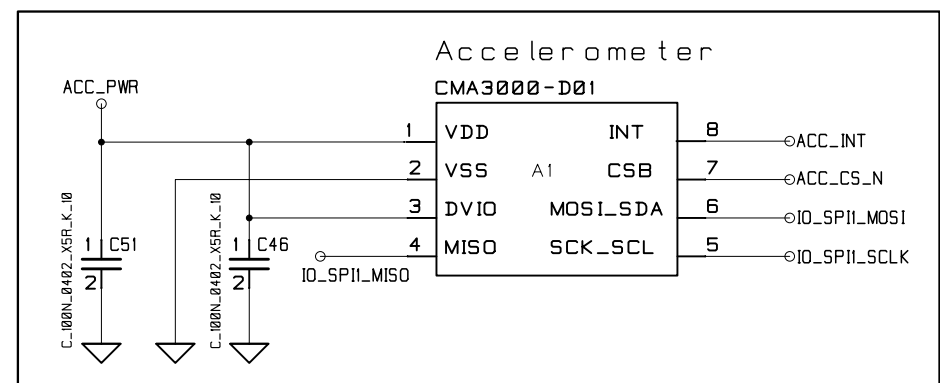
EXTERNAL FLASH



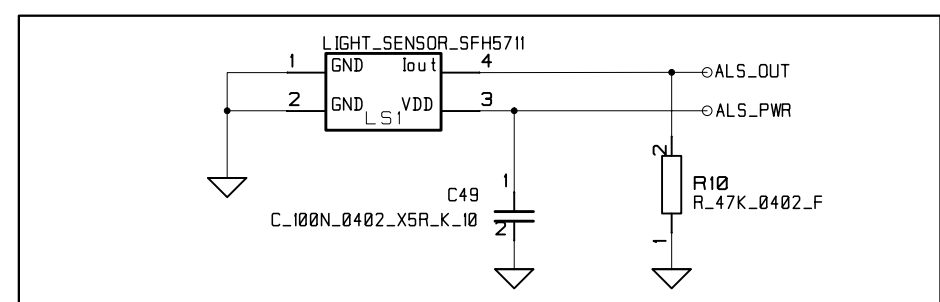
LCD



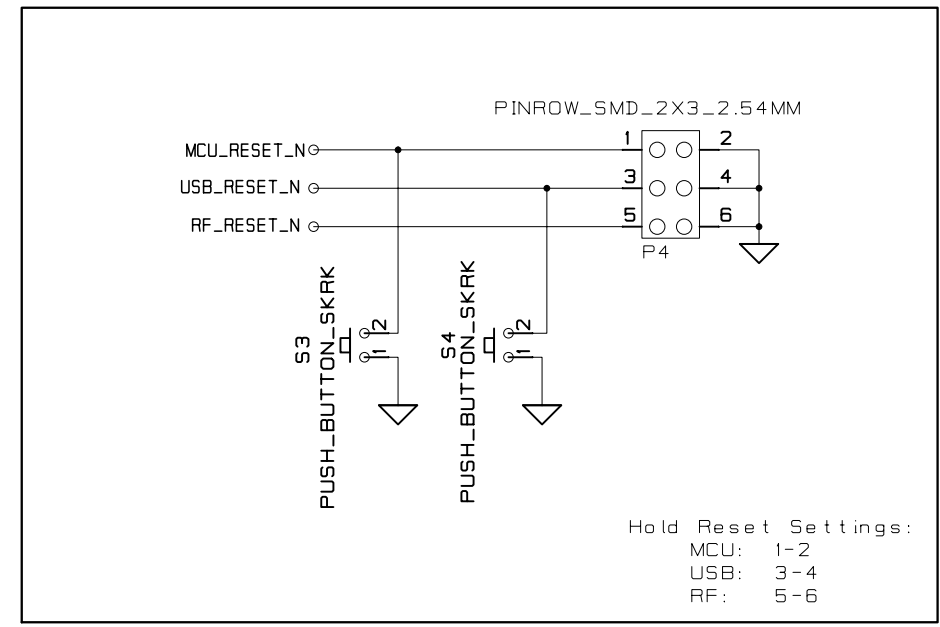
ACCELEROMETER



AMBIENT LIGHT SENSOR

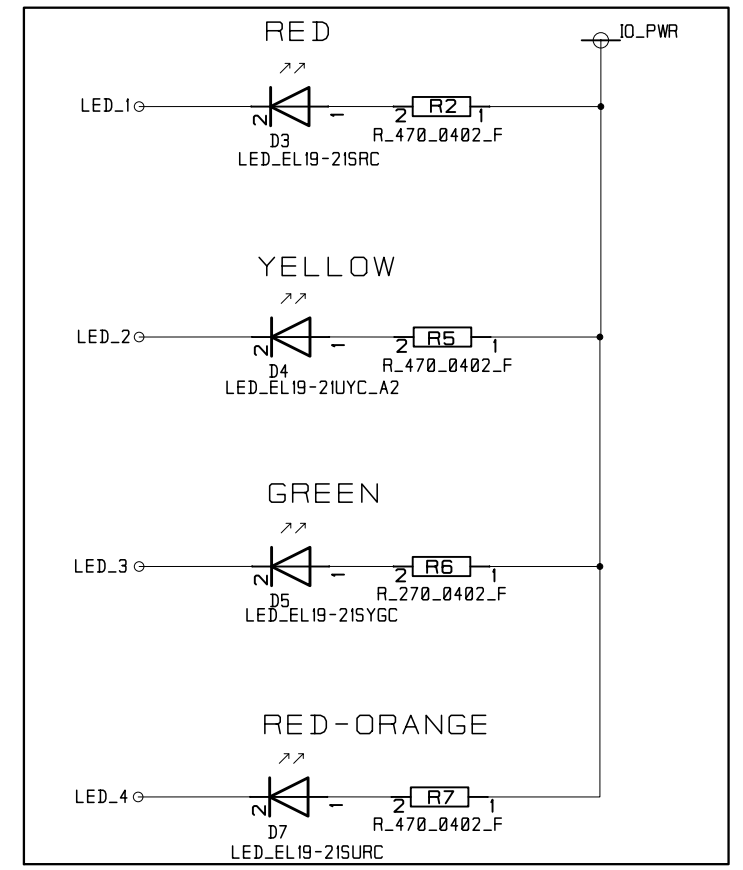


RESET BUTTONS

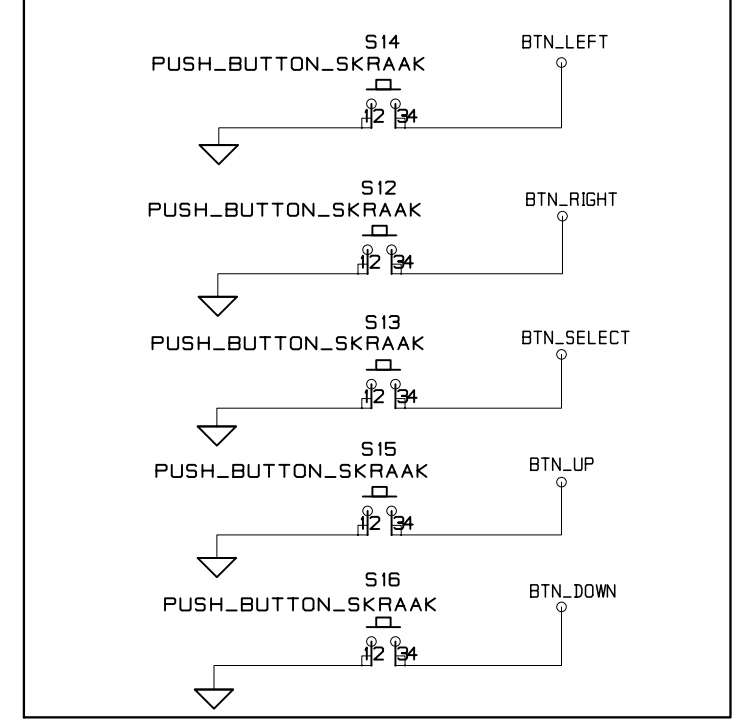


Q1,R8,R18,R19 and R20 Not Mounted when Backlight module (EA LED55x46) is not used, by default there will be no backlight module.

LEDS

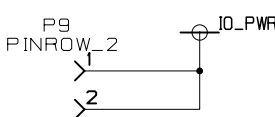
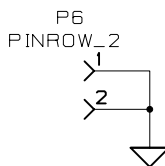
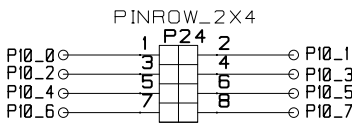
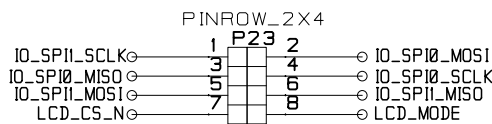
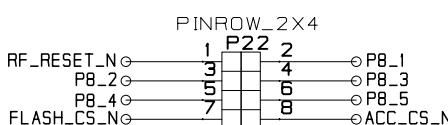
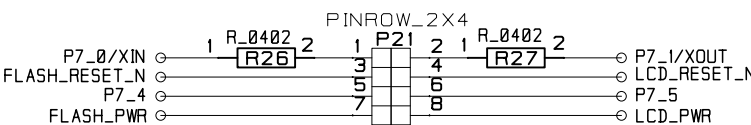
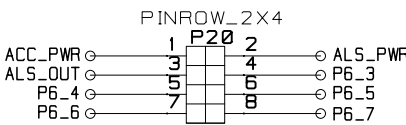
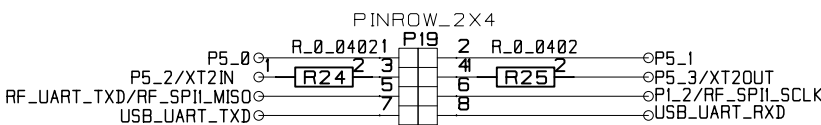
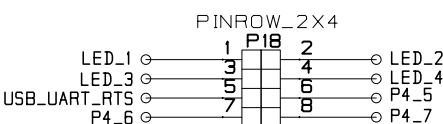
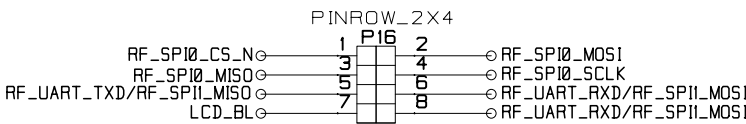
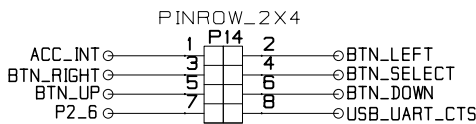
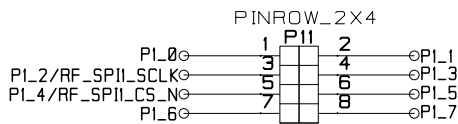


BUTTONS



CONTRACT NO. XXX		COMPANY NAME TI Norway, LPRF			
APPROVALS	DATE	DWG User Interface			
DRAWN	MAW				
CHECKED		SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.0
ISSUED		SCALE		SHEET	6(7)

EXTERNAL I/O



CONTRACT NO. XXX		COMPANY NAME TI Nor way, LPRF			
APPROVALS	DATE	DWG			
DRAWN	MAW				
CHECKED		SIZE A3	FSCM NO.	DWG NO.	REV. 1.7.0
ISSUED		SCALE		SHEET	7 (7)