

GND

CHG\_IN

USBPWR

USB\_SEL

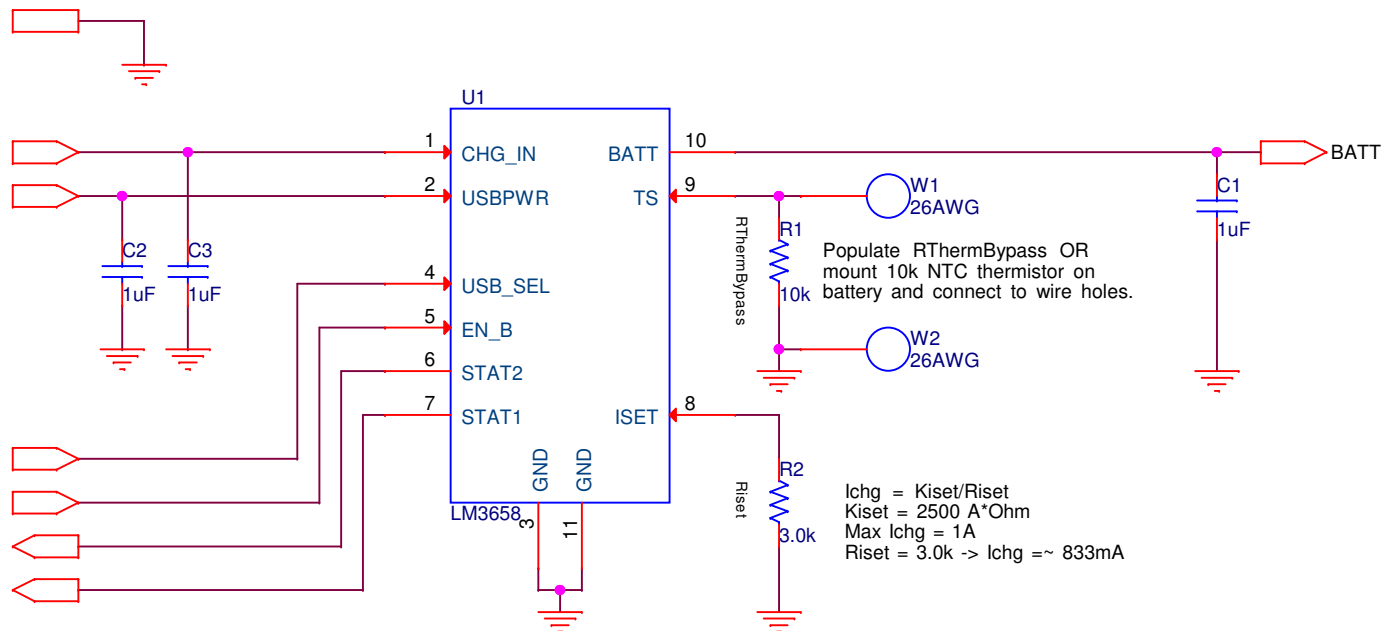
EN\_B

STAT2

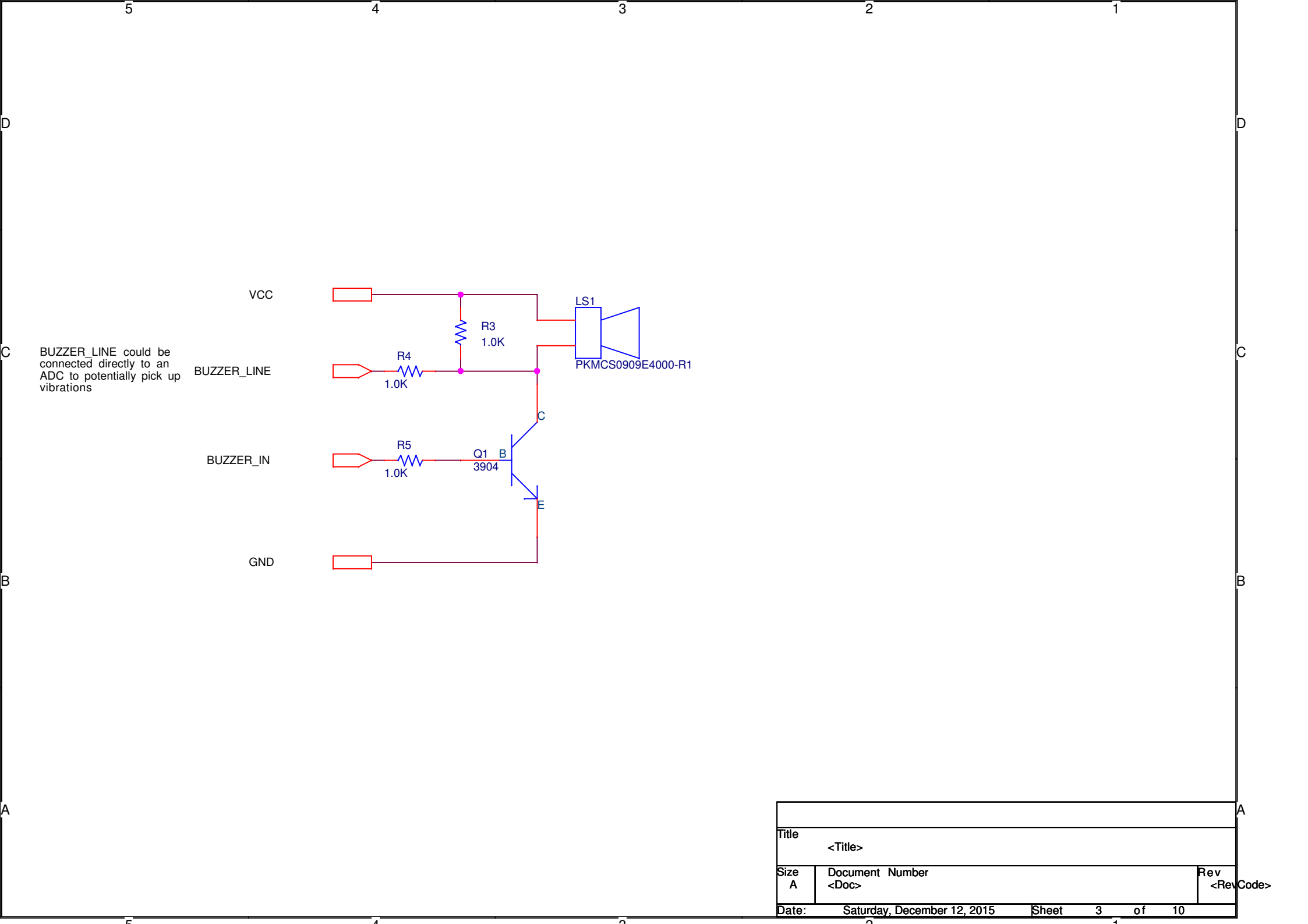
STAT1

STAT pins 2/1

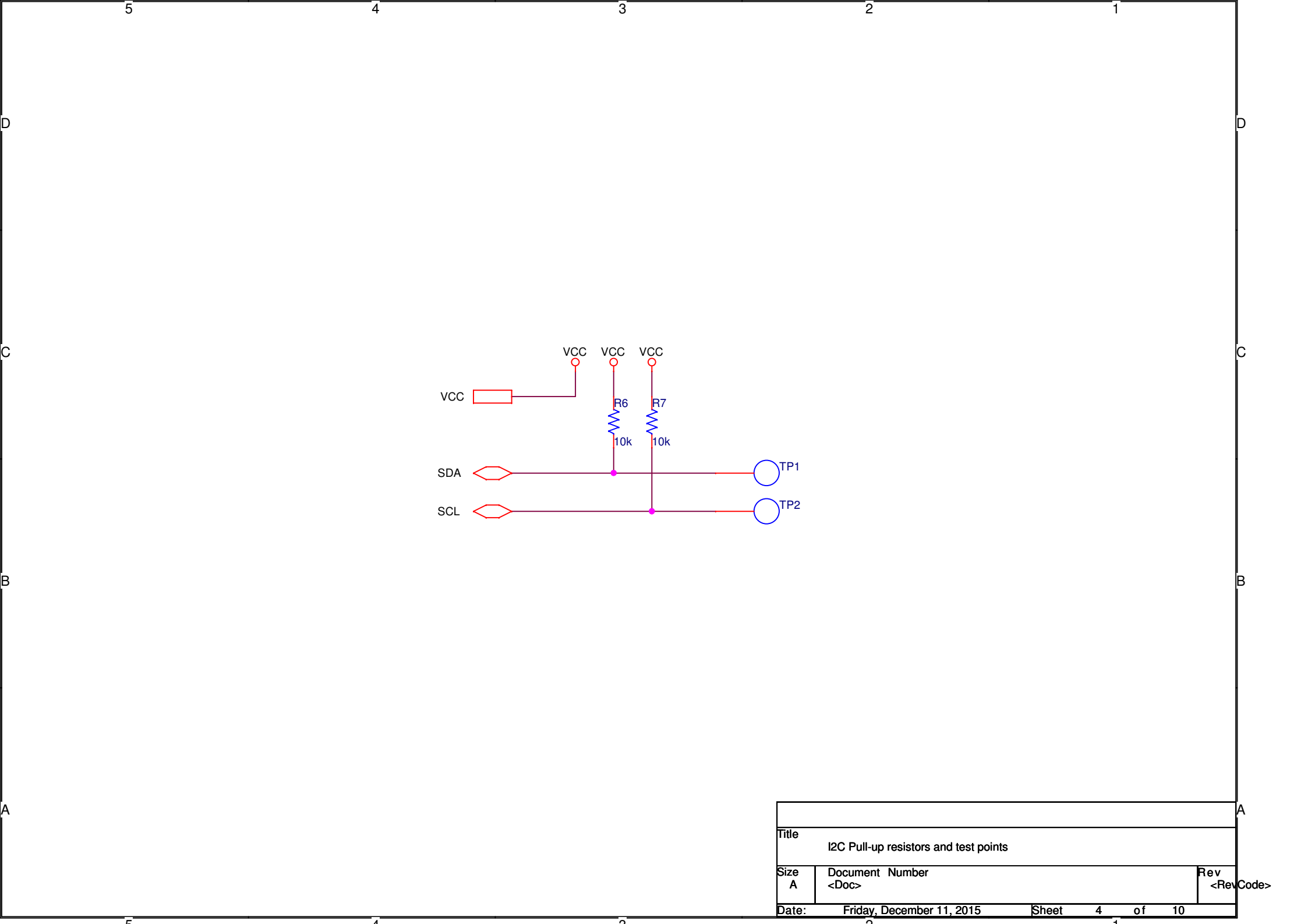
00: Power down, charging suspended or interrupted  
01: Pre-qualification. CC/CV charging, top-off mode  
10: Charge complete  
11: Bad battery or LDO mode.  
See page 9 of LM3658 datasheet



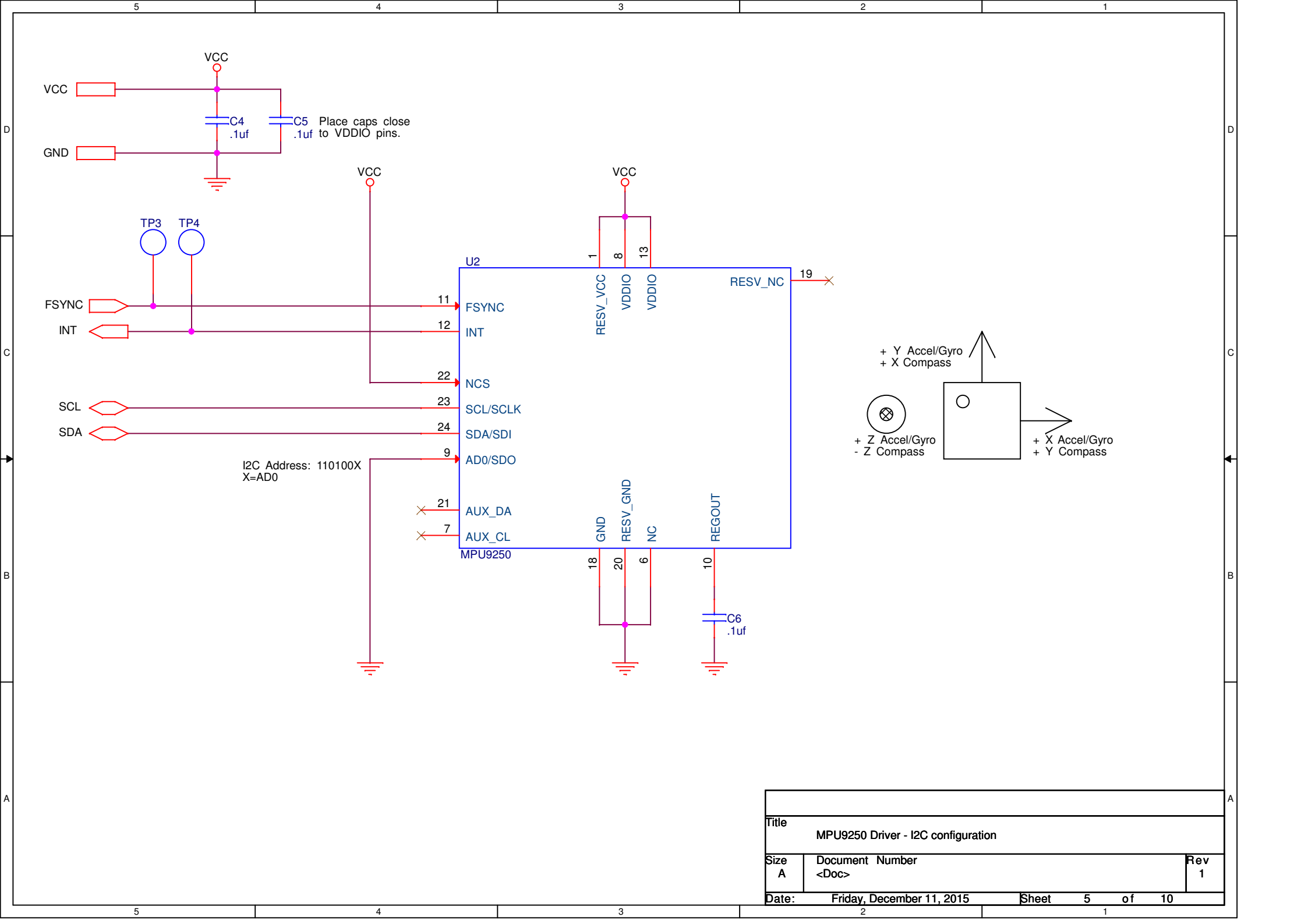
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Size	Document Number	Rev
A	<Doc>	<RevCode>
Date:	Friday, December 11, 2015	Sheet 2 of 10

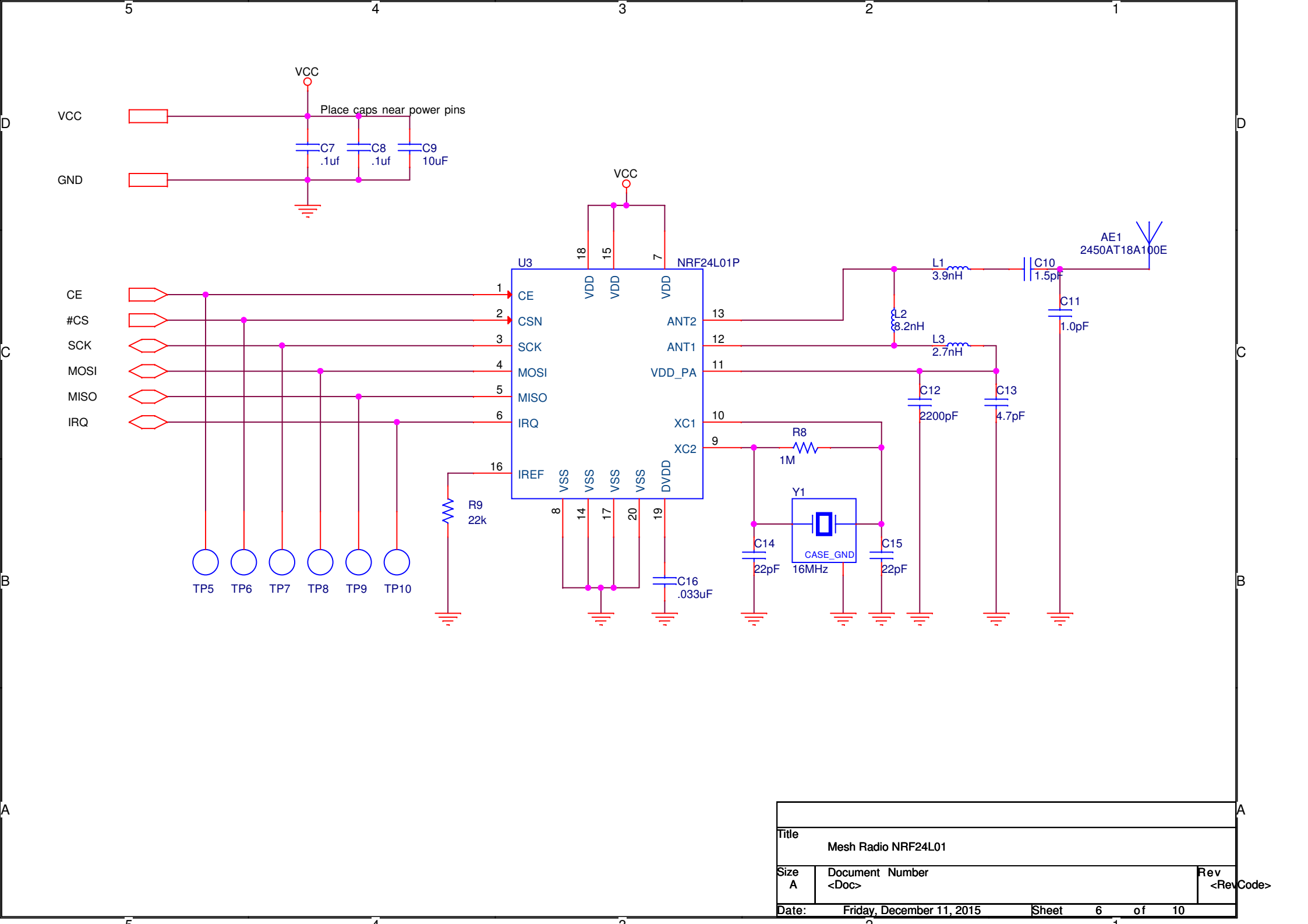


Title		
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Title			
I2C Pull-up resistors and test points			
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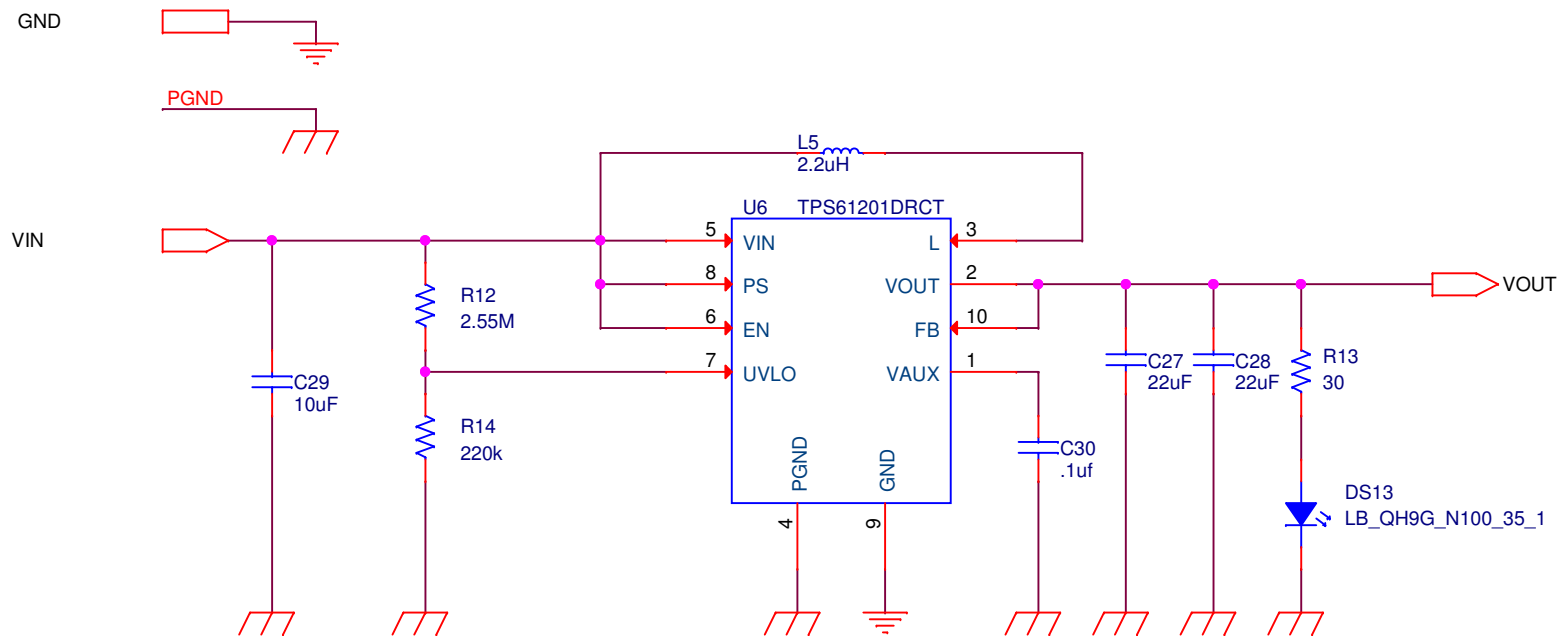








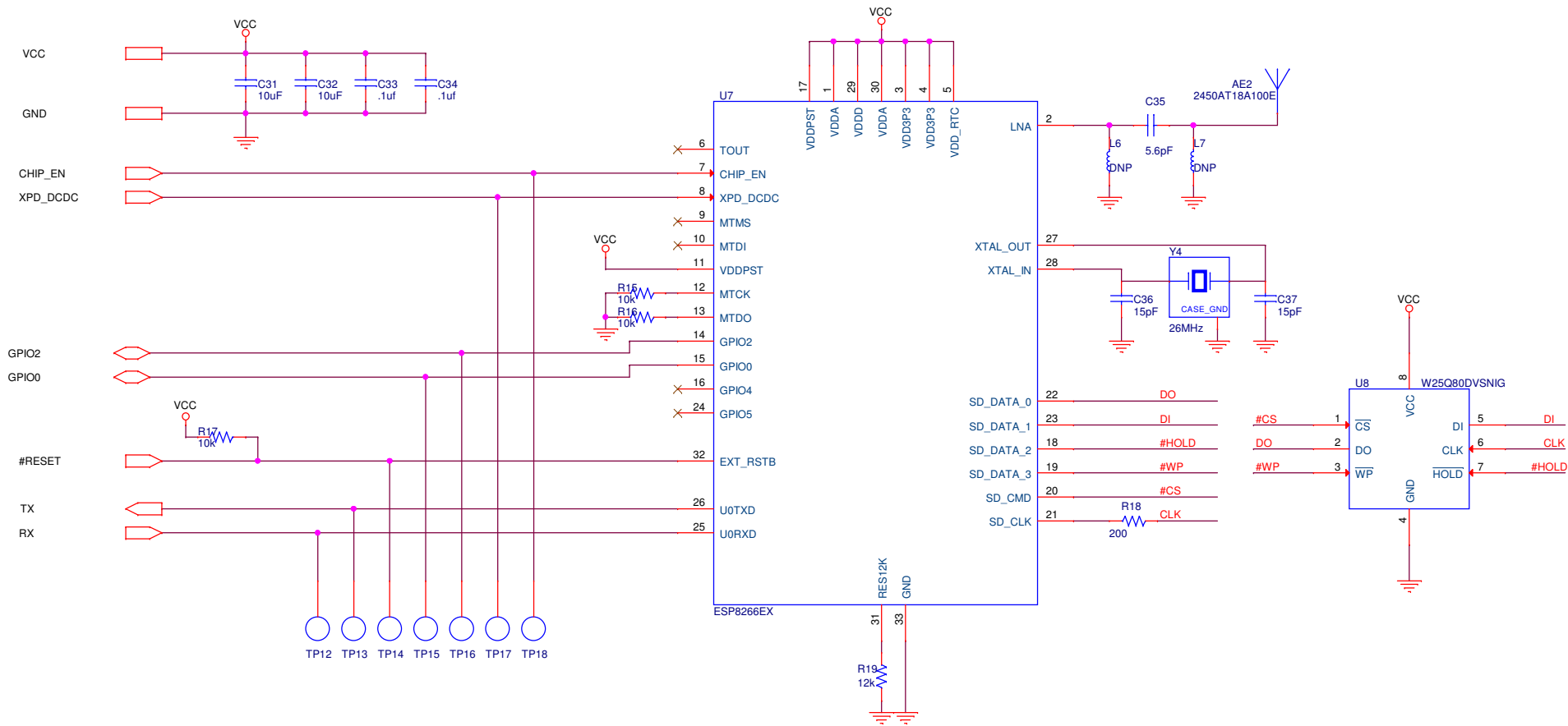




Input dropout voltage of ~3.15v  
 $R_{uv3} = R_{uv4} * (V_{in\_min} / V_{uvlo} - 1)$   
 $2.55M = 220k * (3.15V / .25v - 1)$

Connect PGND and GND  
 near package GND pin  
 with NET\_SHORT shape  
 or vias.

Title		
3.3V Fixed Regulator		
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Title		
WiFi ESP8266EX		
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