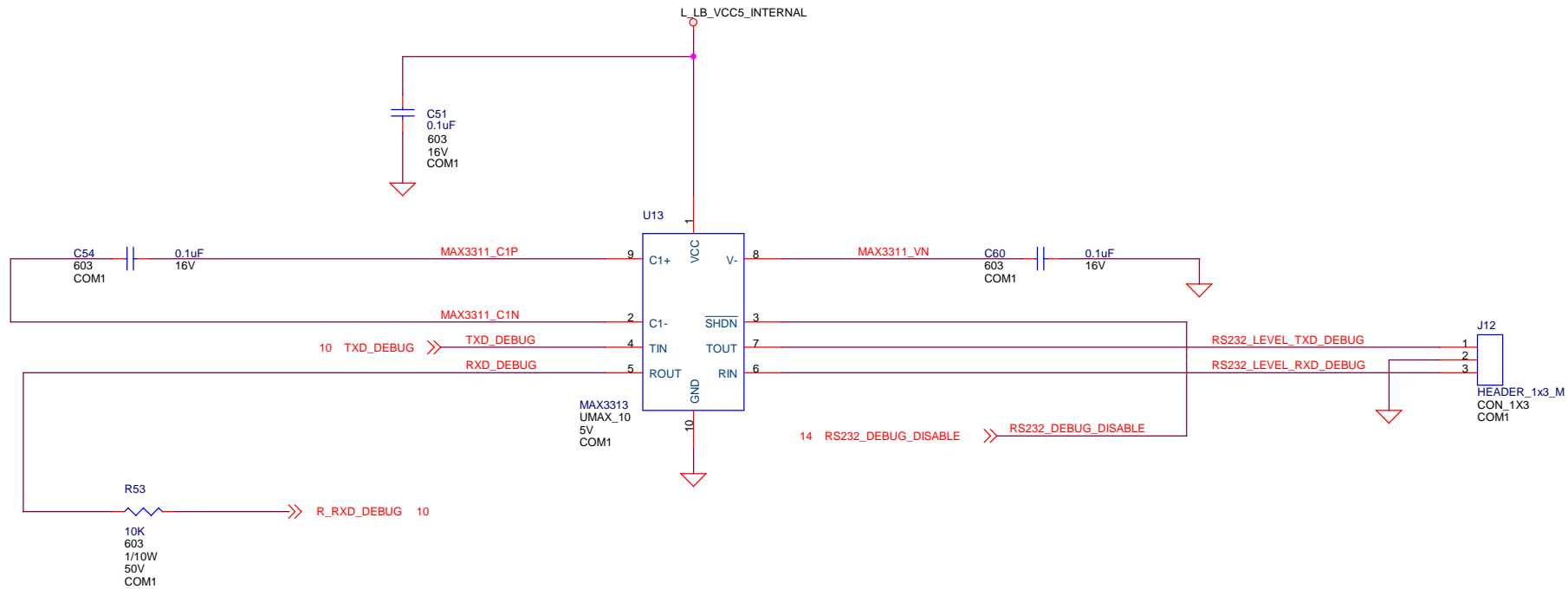


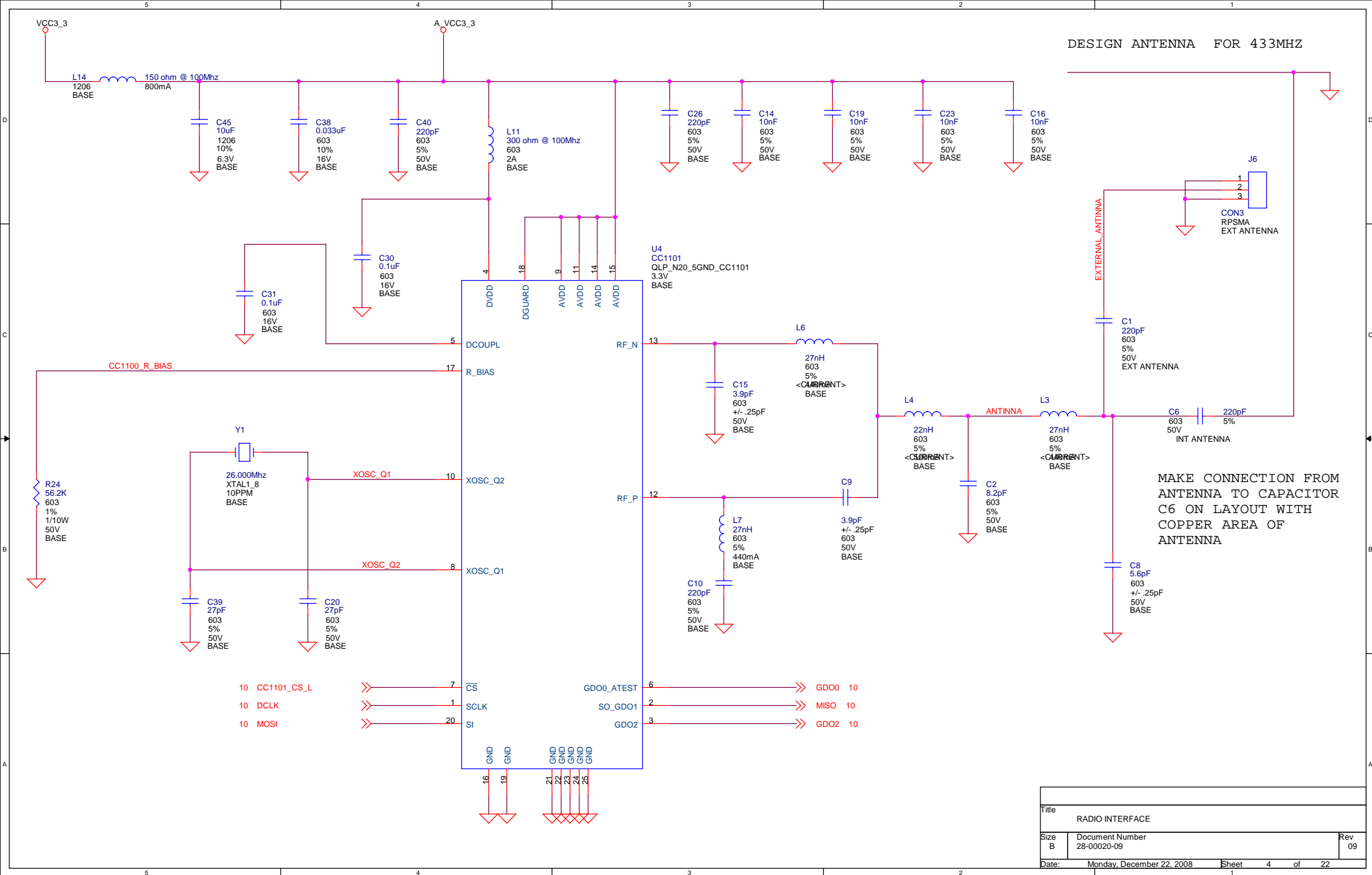
SELECT PART FOR 4.63V SENSE

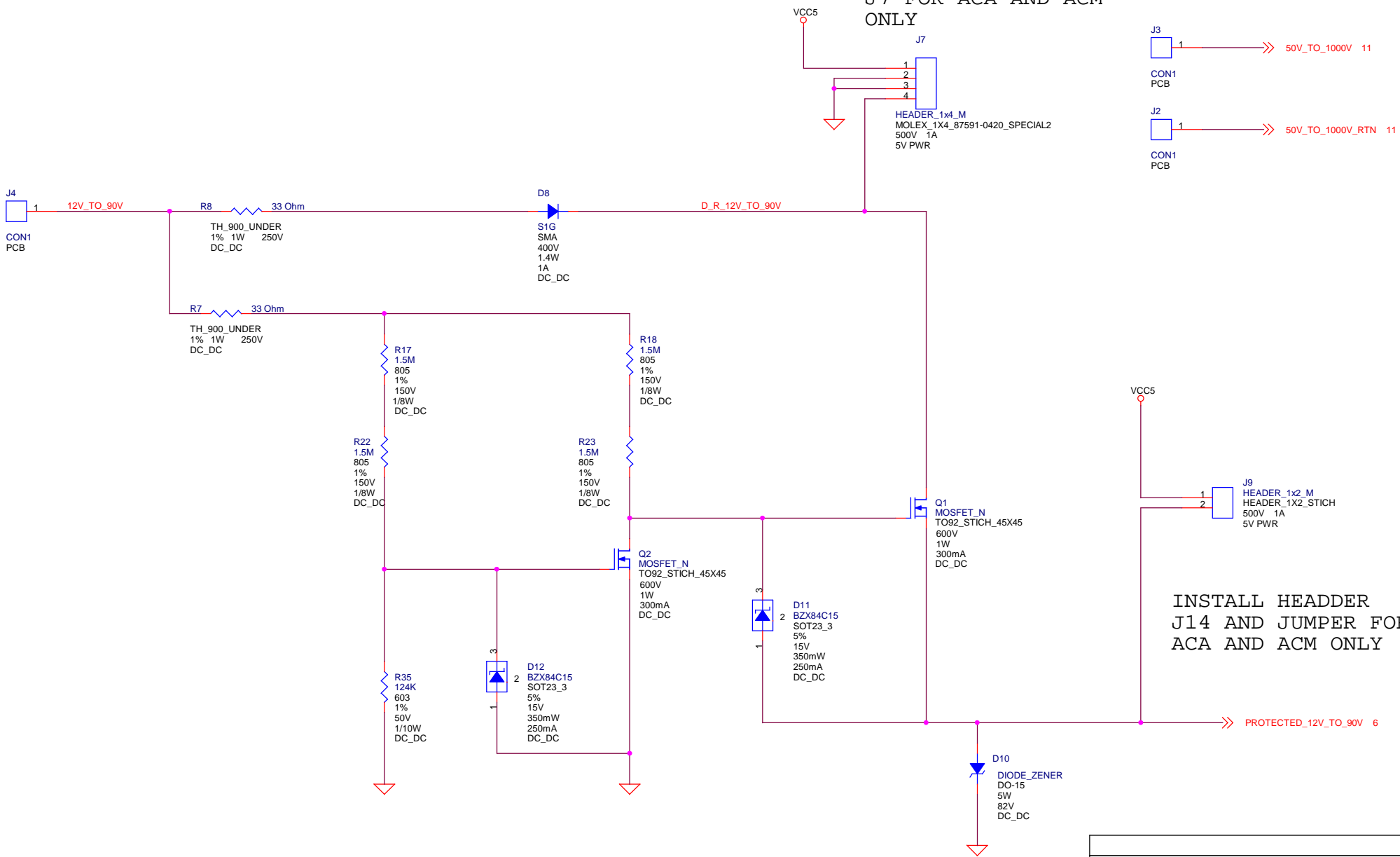
SELECT PART FOR 2.93V RESET

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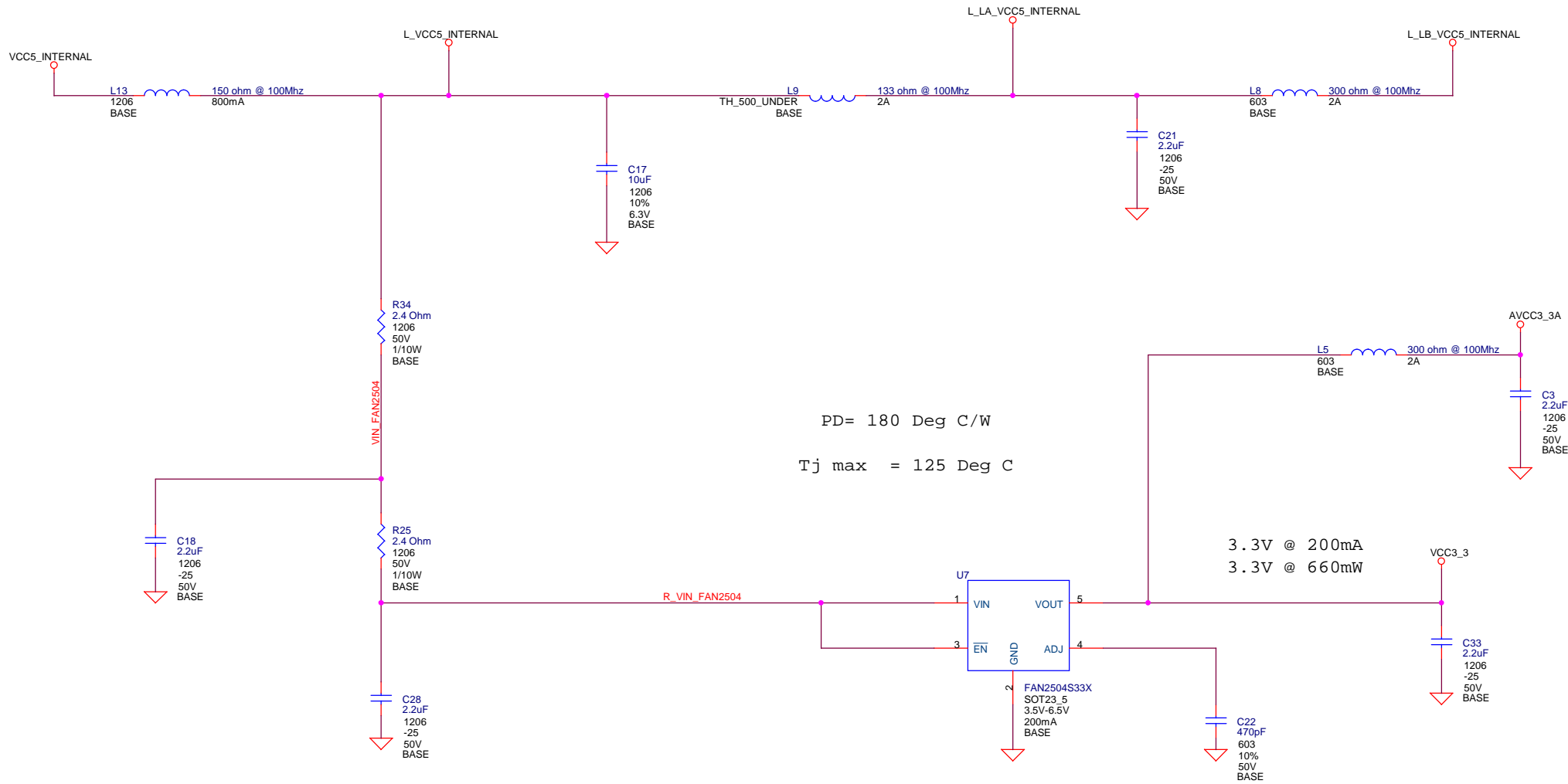


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RS232 INTERFACE				
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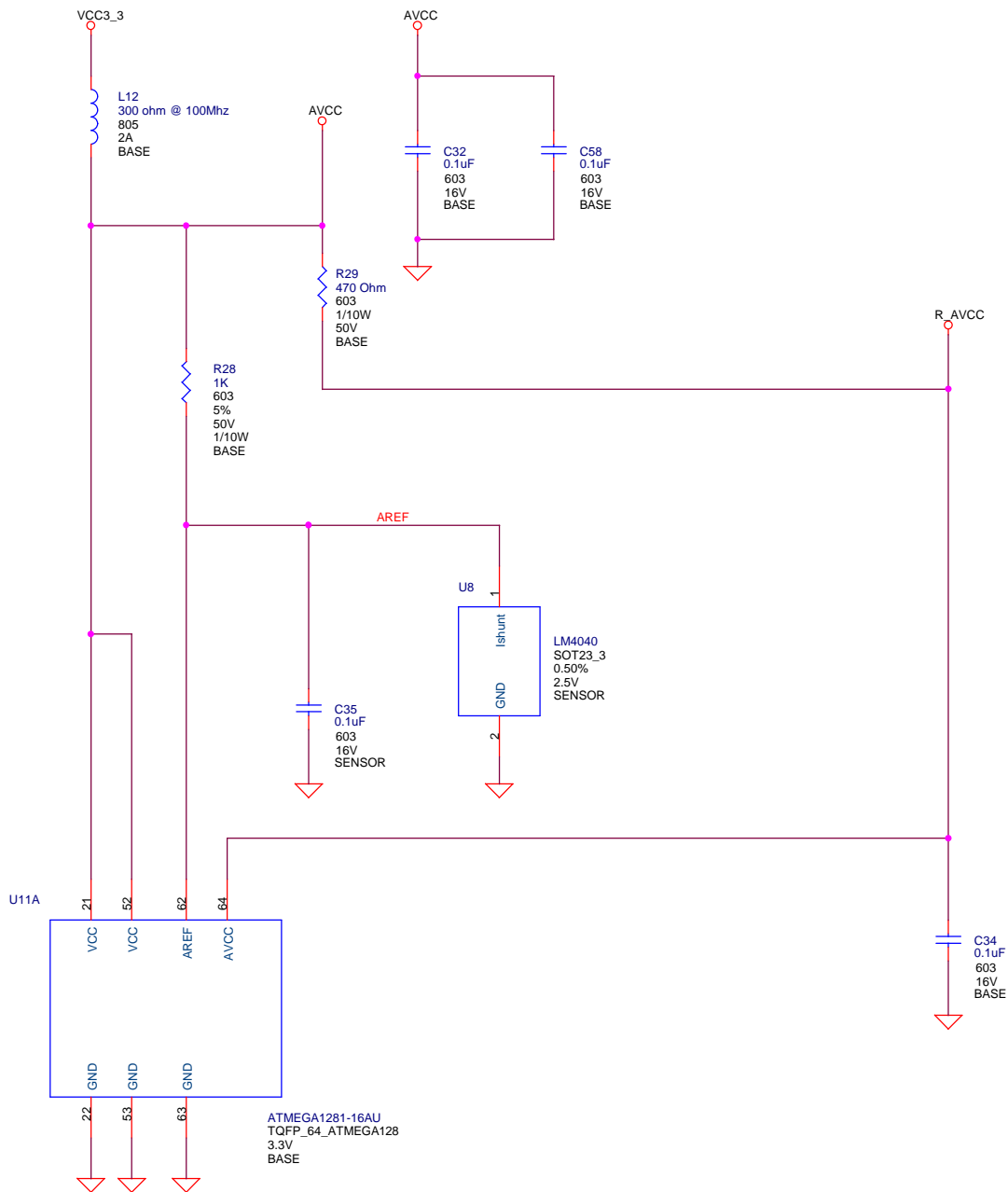




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INPUT POWER & PROTECTION		
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VOLTAGE REFERENCE OPTIONS

FOR 2.5V @ 0.1% USE LM4040AIM3-2.5

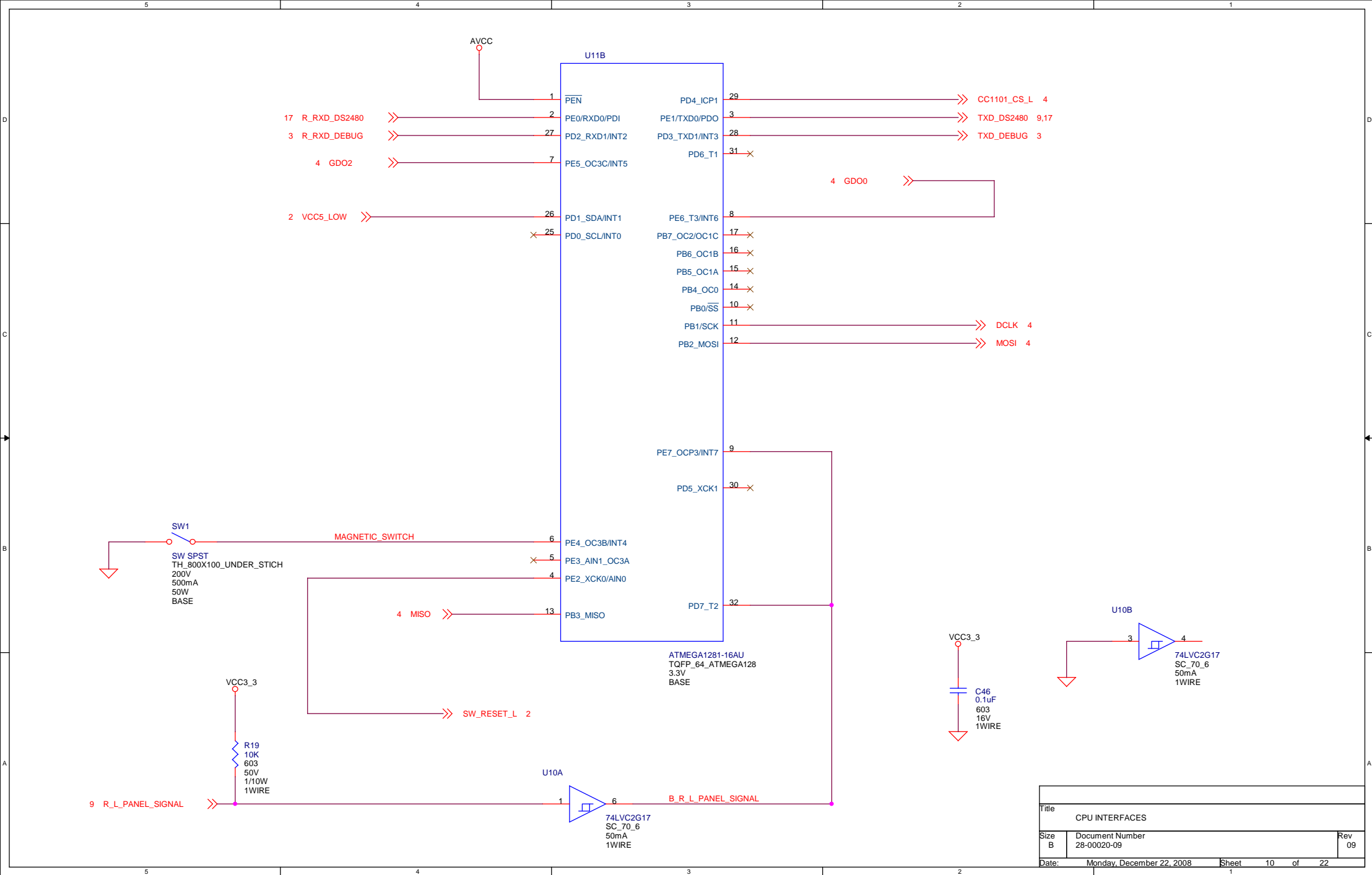
FOR 2.5V @ 0.2% USE LM4040BIM3-2.5

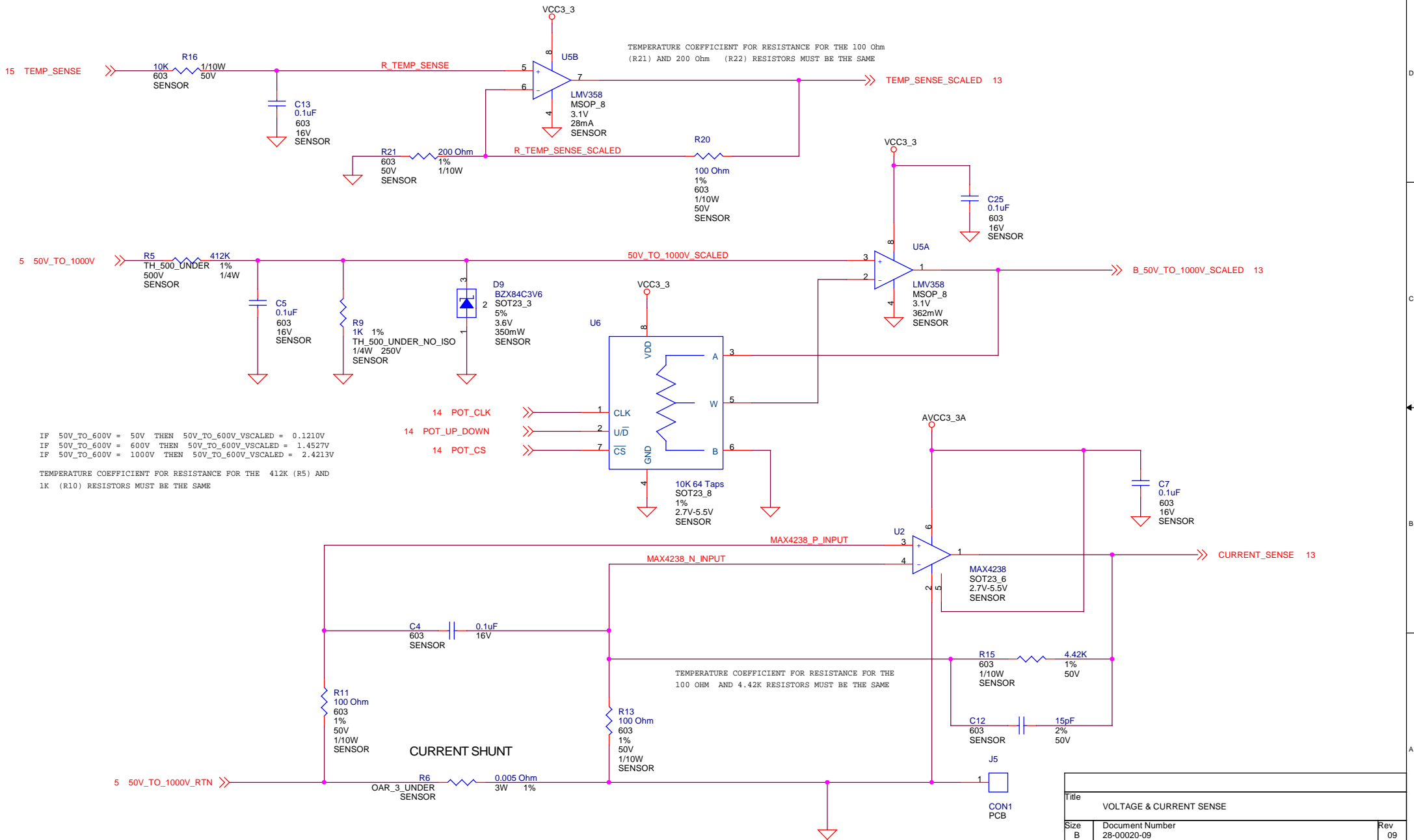
FOR 2.5V @ 0.5% USE LM4040CIM3-2.5

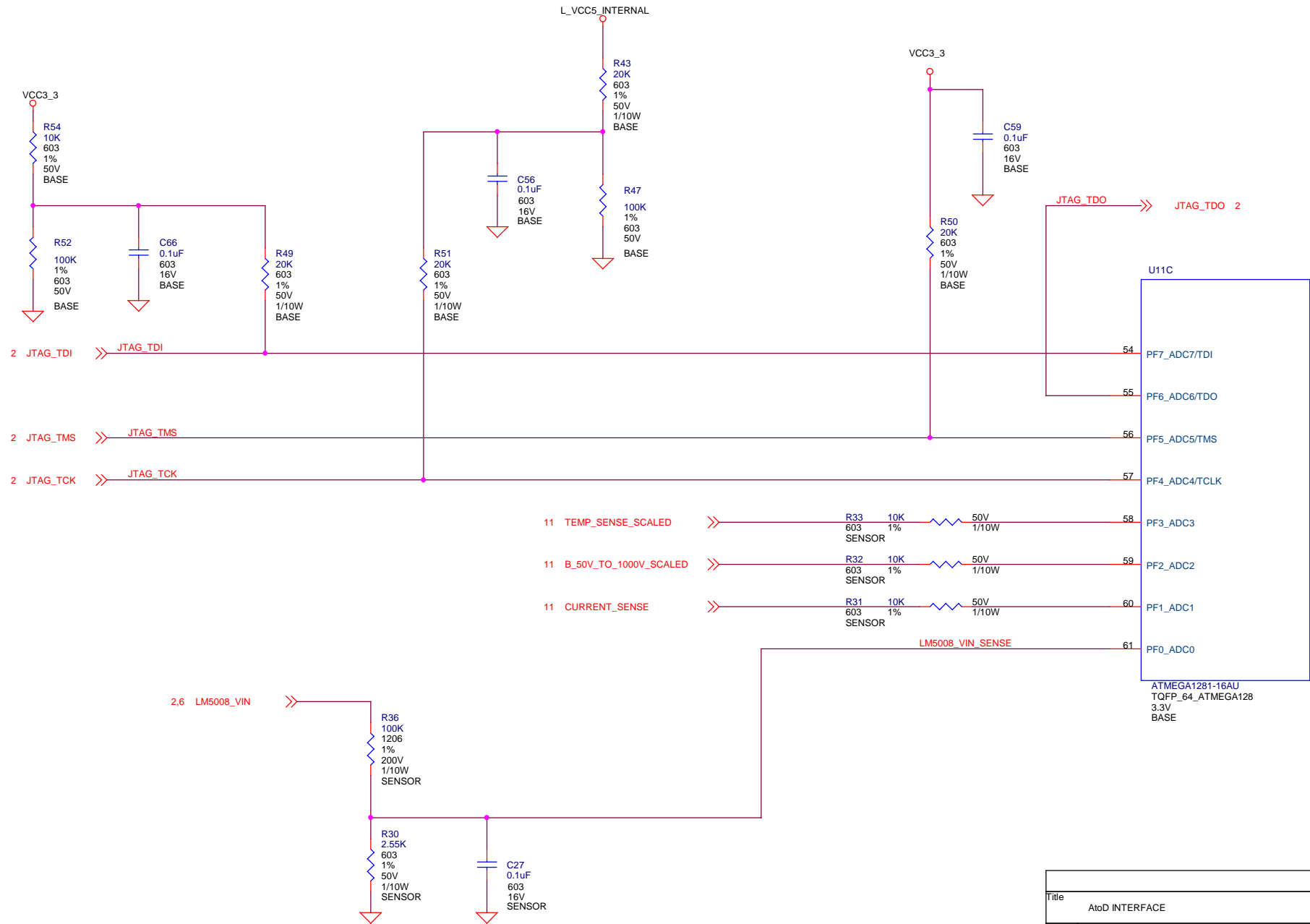
FOR 2.5V @ 1% USE LM4040DIM3-2.5

FOR 2.5V @ 2% USE LM4040EIM3-2.5

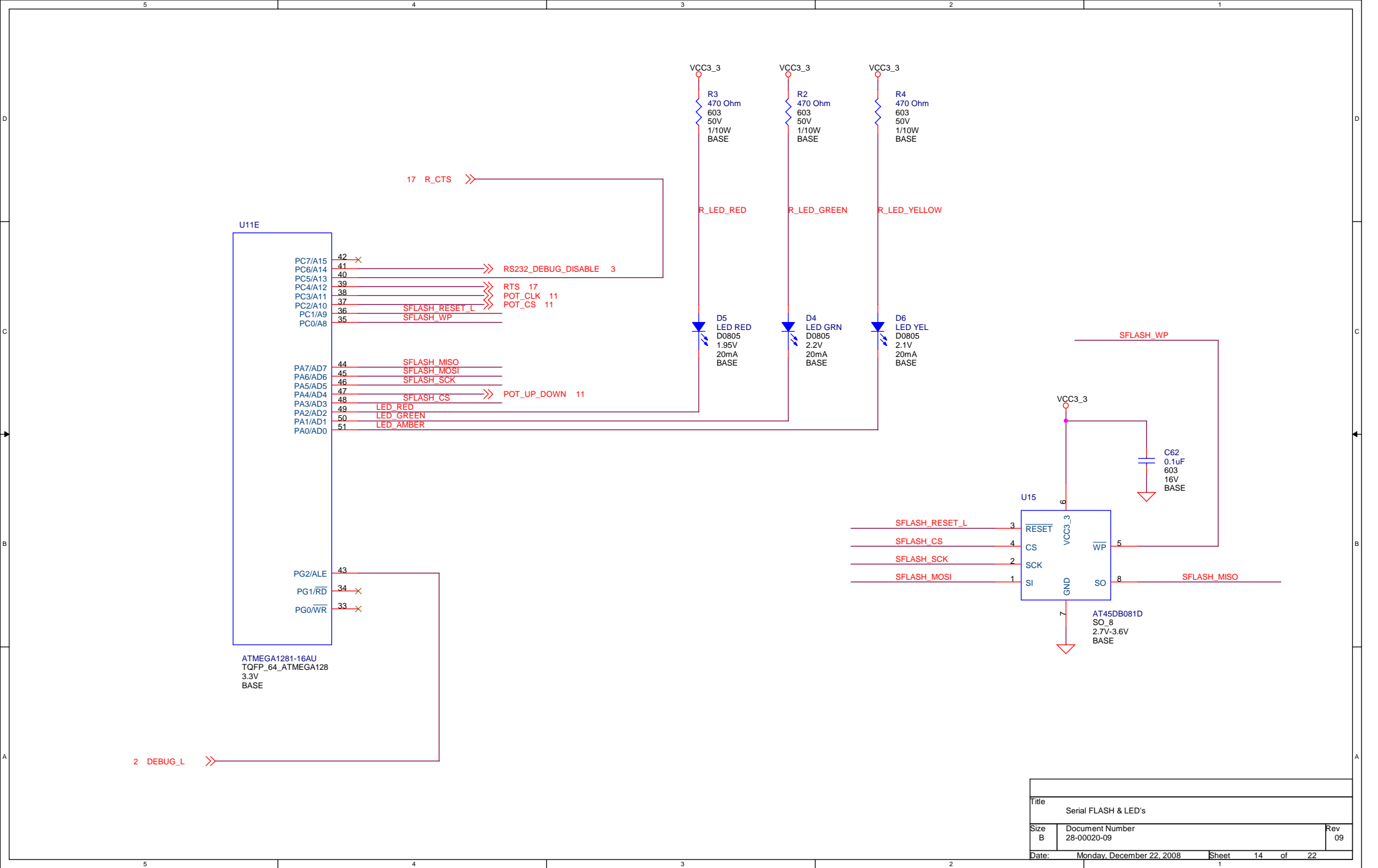
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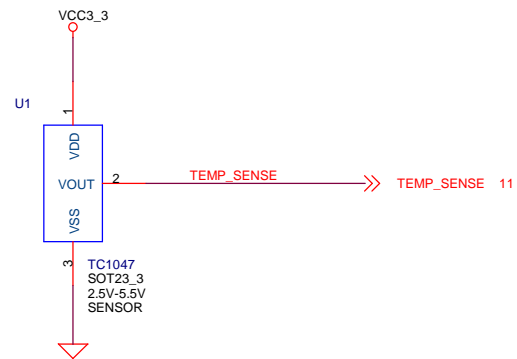




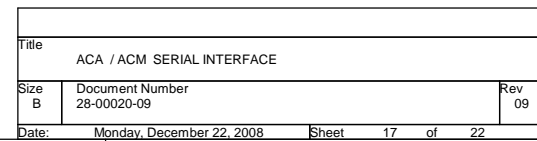


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AtoD INTERFACE		
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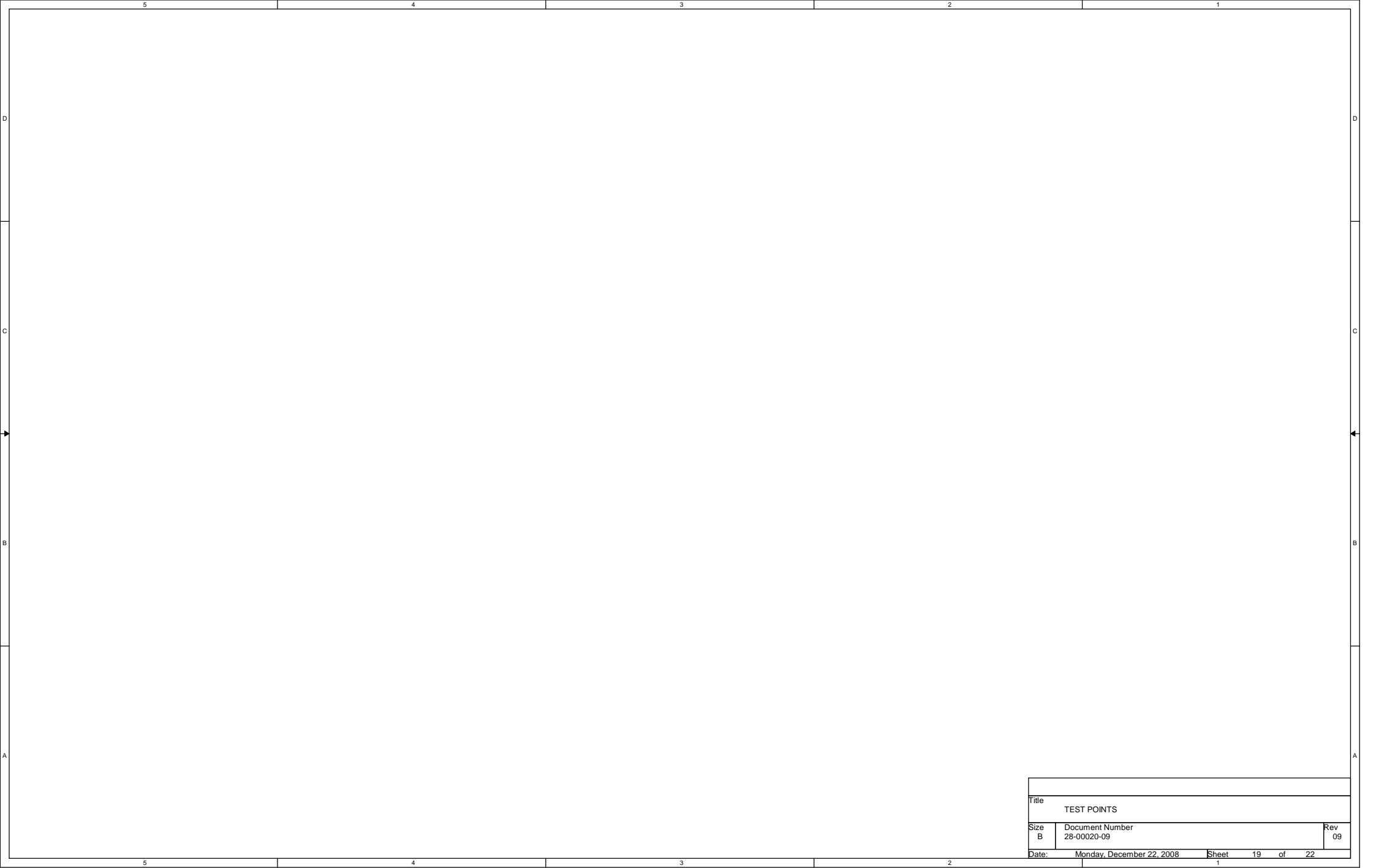


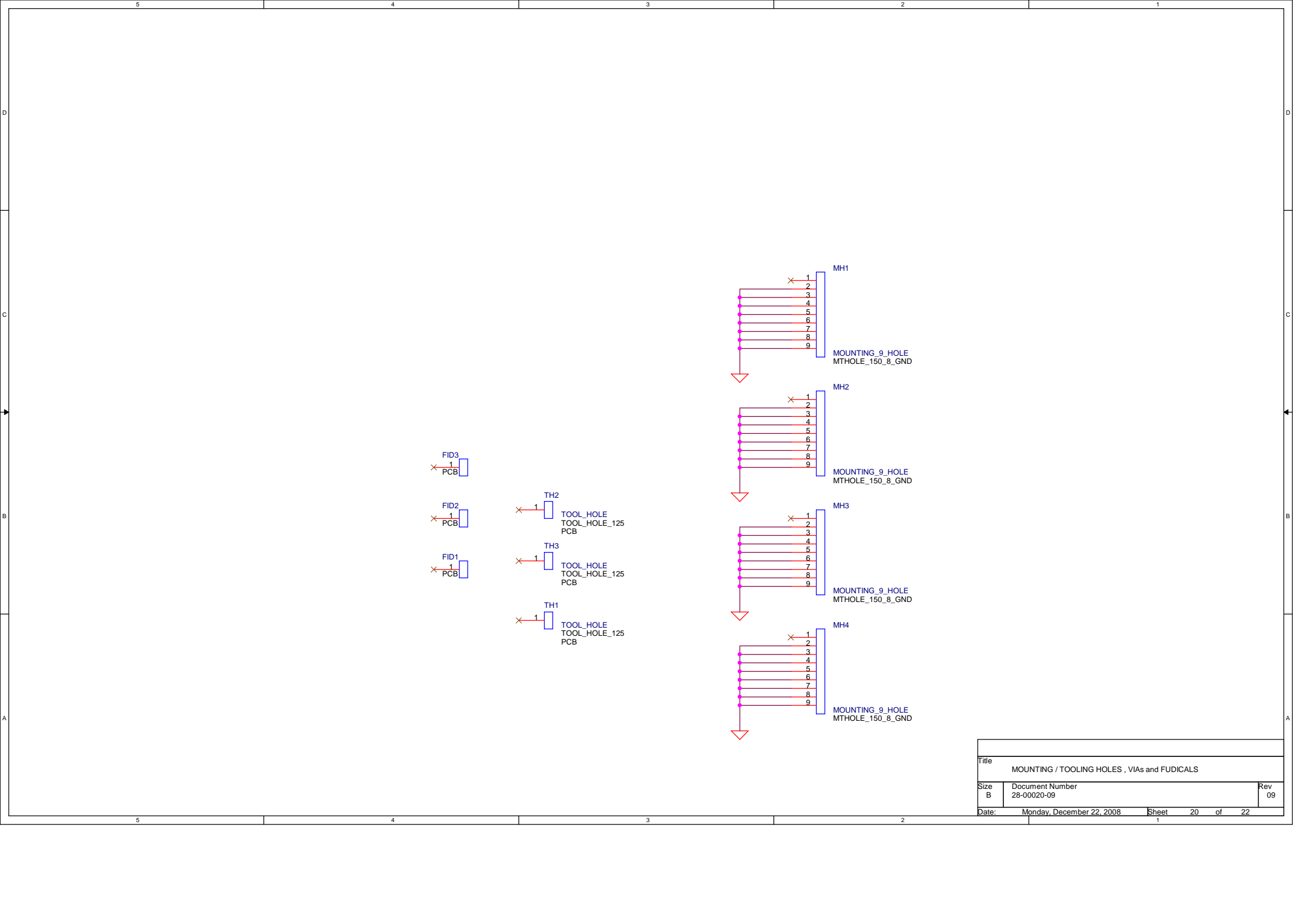


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TEMPERATURE SENSOR		
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FAETURE TAGS AND BUILD CONFIGURATIONS

Each part is tagged with a faeature asignment property: BASE, COM1, COM2, 1WIRE, INT ANTENNA, EXT ANTENNA, DC-DC, 5V PWR, SENSORS, DEBUG, PCB

- BASE = Common to all configurations
- COM1 = First serial port feature (console)
- COM2 = Second serial port feature
- 1WIRE = 1-Wire panel probe sensor interface
- INT ANTENNA = On PCB internal 433MHz antenna
- EXT ANTENNA = Extranal 433MHz antenna connector
- DC-DC = On board (internal) DC-DC housekeeping power supply
- 5V PWR = Off board (external) 5V power housekeeping supply
- SENSORS = On board curren, voltage and temperature sensors
- DEBUG = Parts are only used inhouse for test and bring up
- PCB = Parts that are a feature of the PCB and therefore are not purchased or stuffed

The SM (String Manager) configuration includes the following features (and excludes all others):
SM = BASE + COM1 + 1WIRE + INT ANTENNA + DC-DC + SENSORS + PCB

The ACA (Array Controller Apliance) and ACM (AC Meter Manager) configurations include the following features (and excludes all others):
ACA = BASE + COM1 + COM2 + EXT ANTENNA + 5V PWR + PCB
Note: Prior to Rev 8 the ACA and ACM configurations differed.

The DEBUG configuration includes the following features (and excludes all others):
DEBUG = BASE + COM1 + 1WIRE + INT ANTENNA + EXT ANTENNA + DC-DC + DEBUG + SENSORS + PCB

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Feature Tags and Build Configurations			
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