

A



C

D



LAST UPDATE 9/27/2001 10:05		USER	CHECKED	TITLE SCHEM, PCB 2420 PERSONALITY		
PATHNAME			ENGINEER			
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			APPD	MENTOR DESIGN ARCHITECT		Sheet 1 of 19

Keypad Connector

323000321

KEYPAD INTERFACE

PRFRLDAT(15:8) <>>

LEDSTRB >>

ID TEN (10)

_IDENBIT >>

PRFRLDAT(15:8) <>>

_IRQ7 >>

MODCK >>

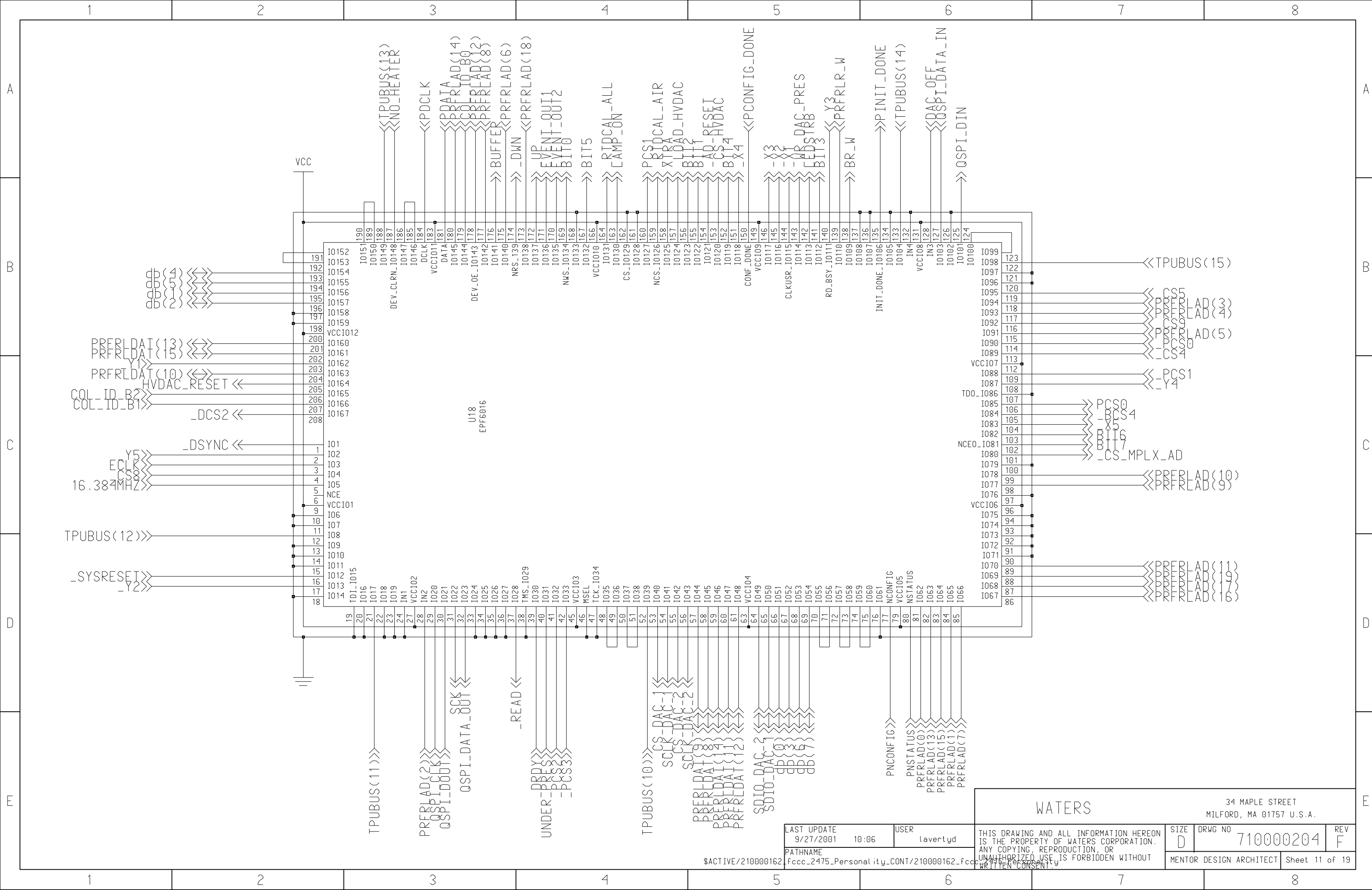
_BEEPER

SOFTWARE JUMPERS

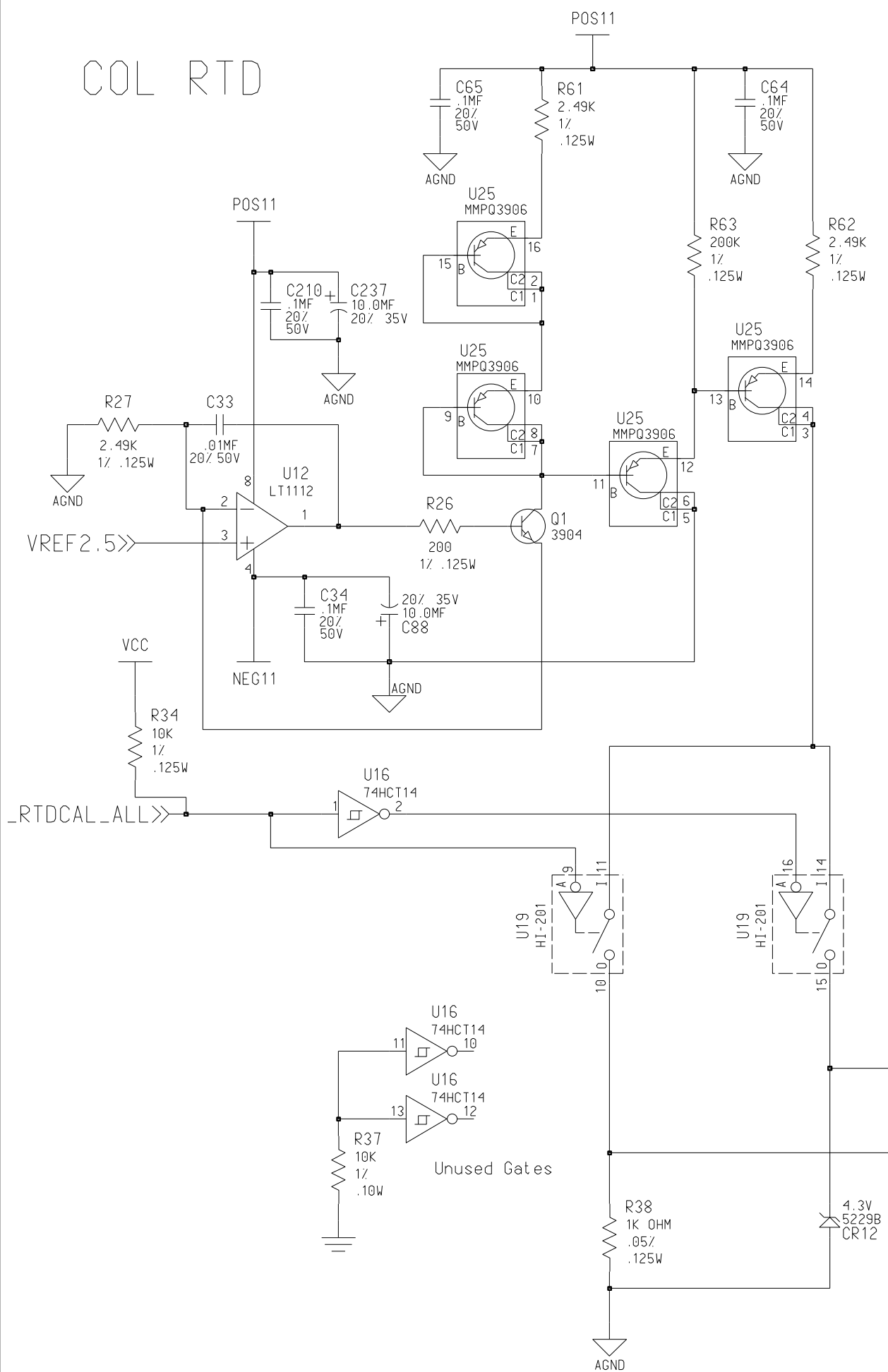
WATERS

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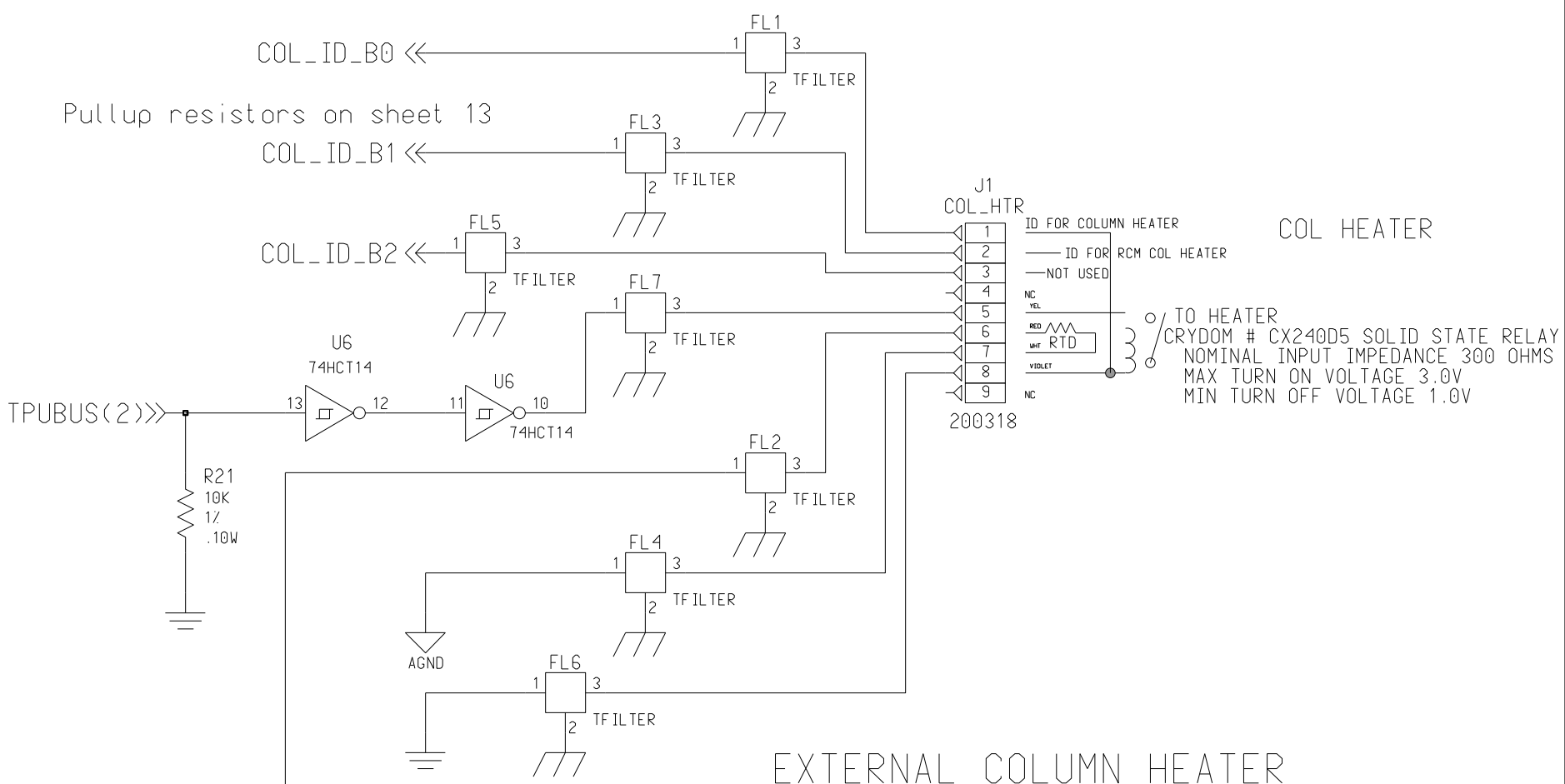
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PATHNAME \$ACTIVE/210000162_bbbb_2475_Personal ity				MENTOR DESIGN ARCHITECT		Sheet 10 of 19



COL RTD



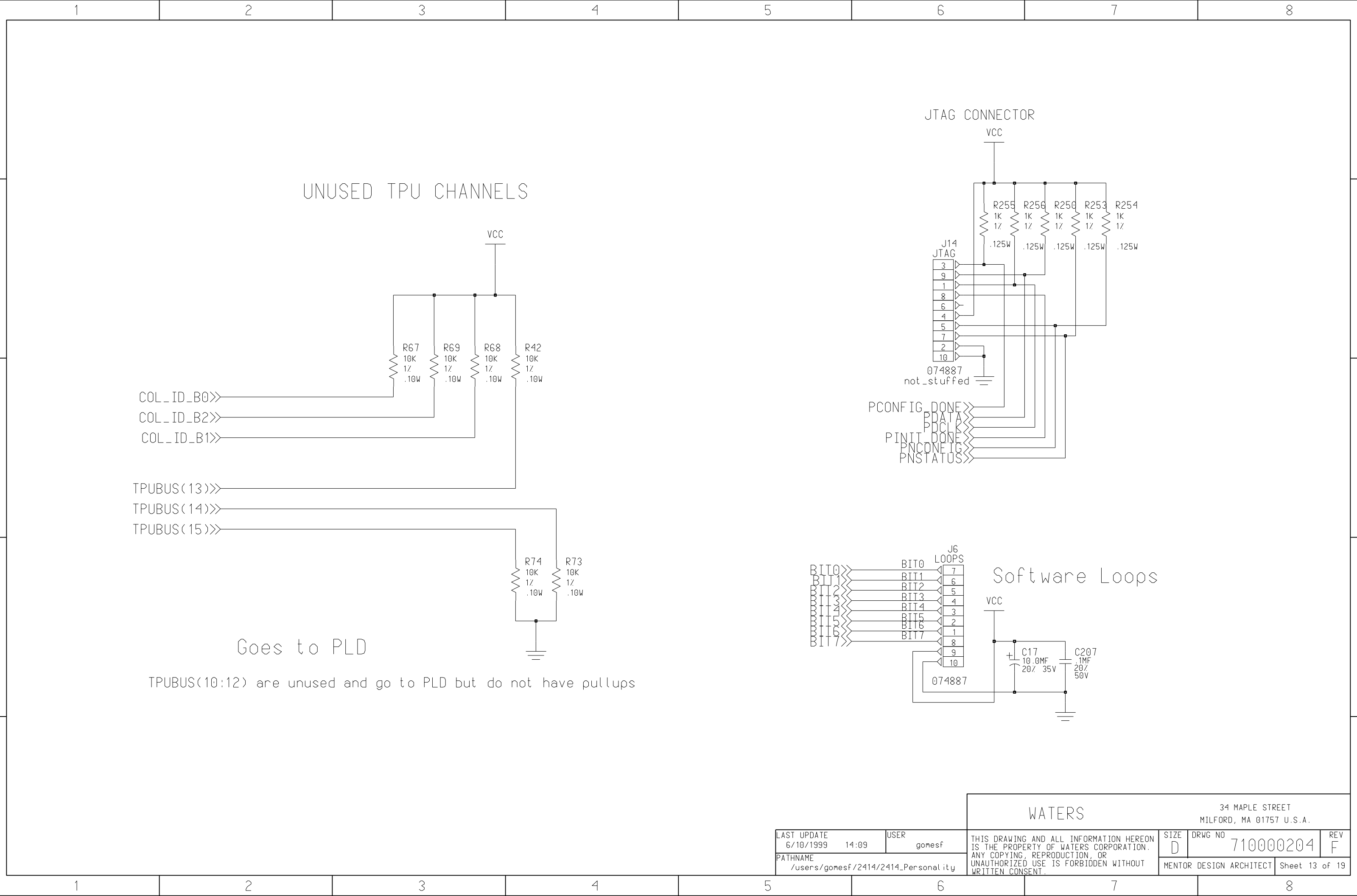
Pullup resistors on sheet 13

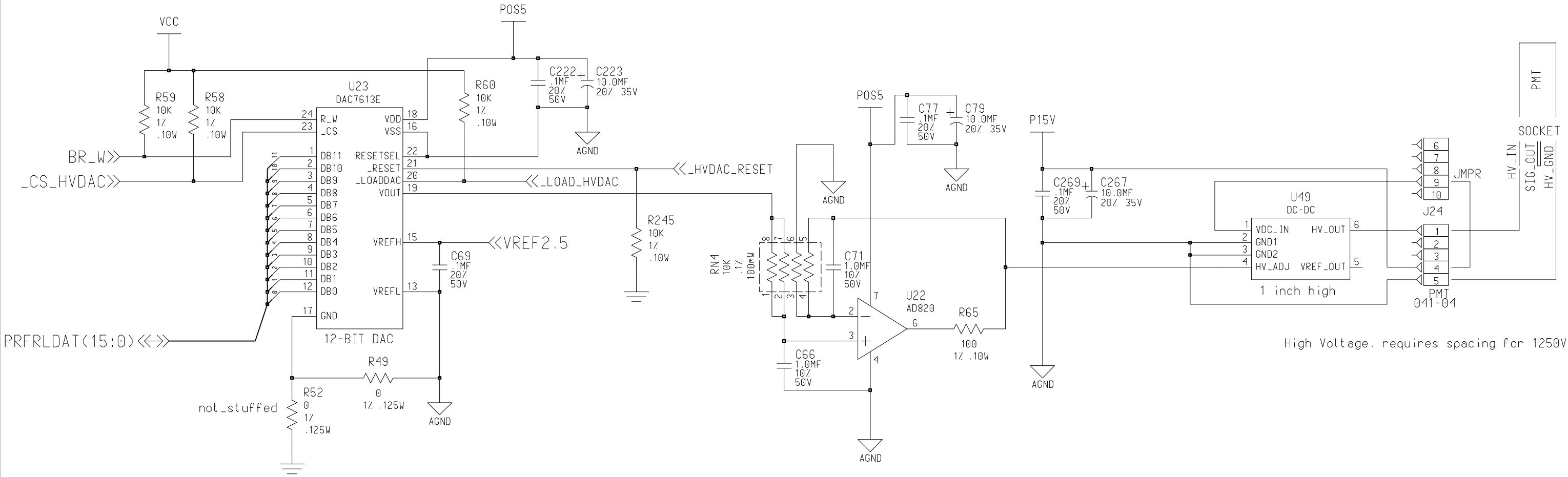


Function	_RTDCAL_ALL	Drift Tube RTD _RTDCAL_AIR
Illegal	0	0
Cal Col. RTD	0	1
Cal Drift Tube RTD	1	0
Measure Temp	1	1

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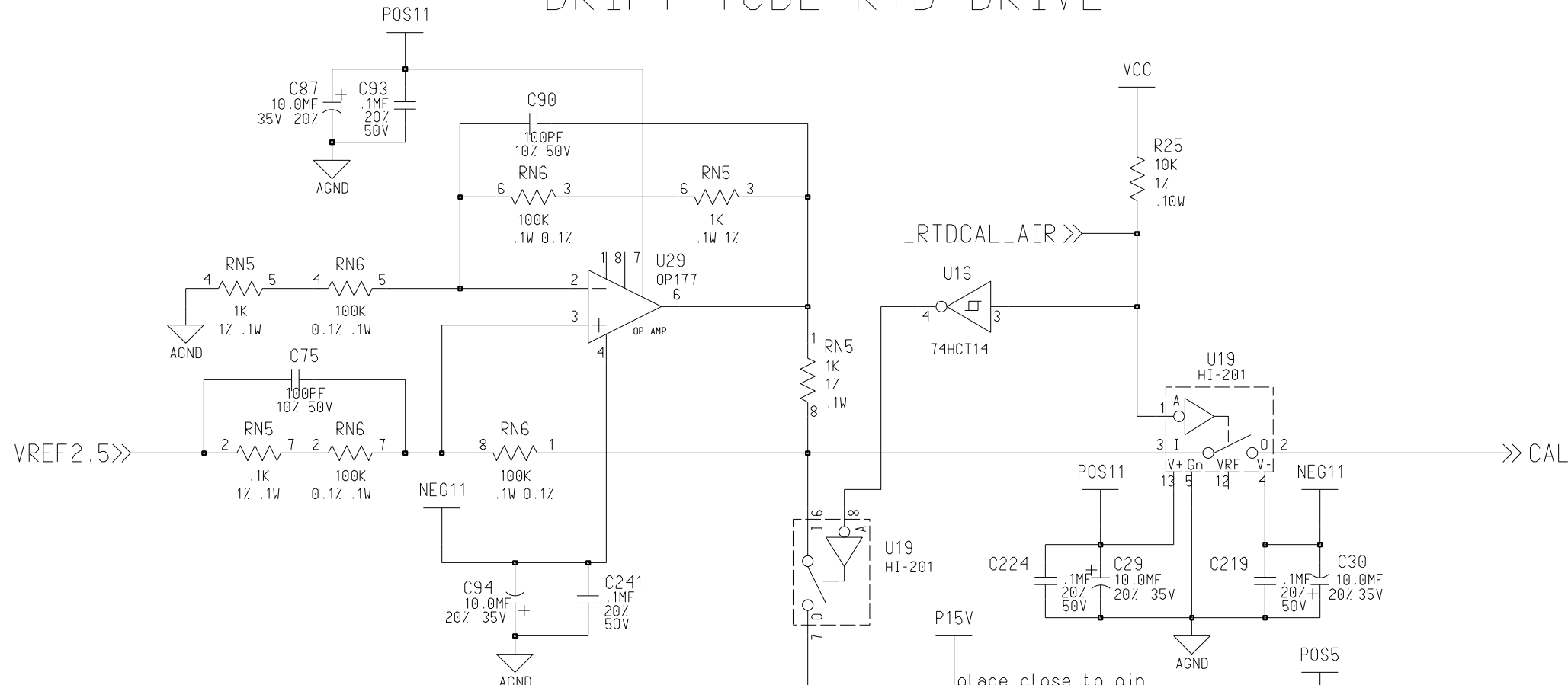
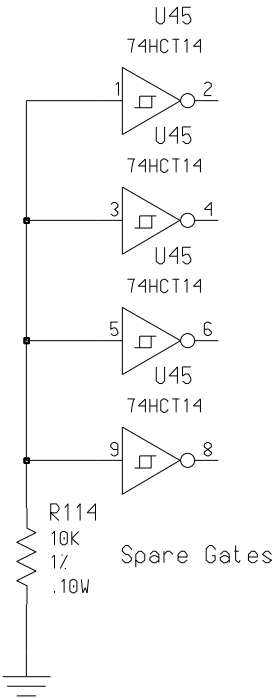


High Voltage Control for PMT

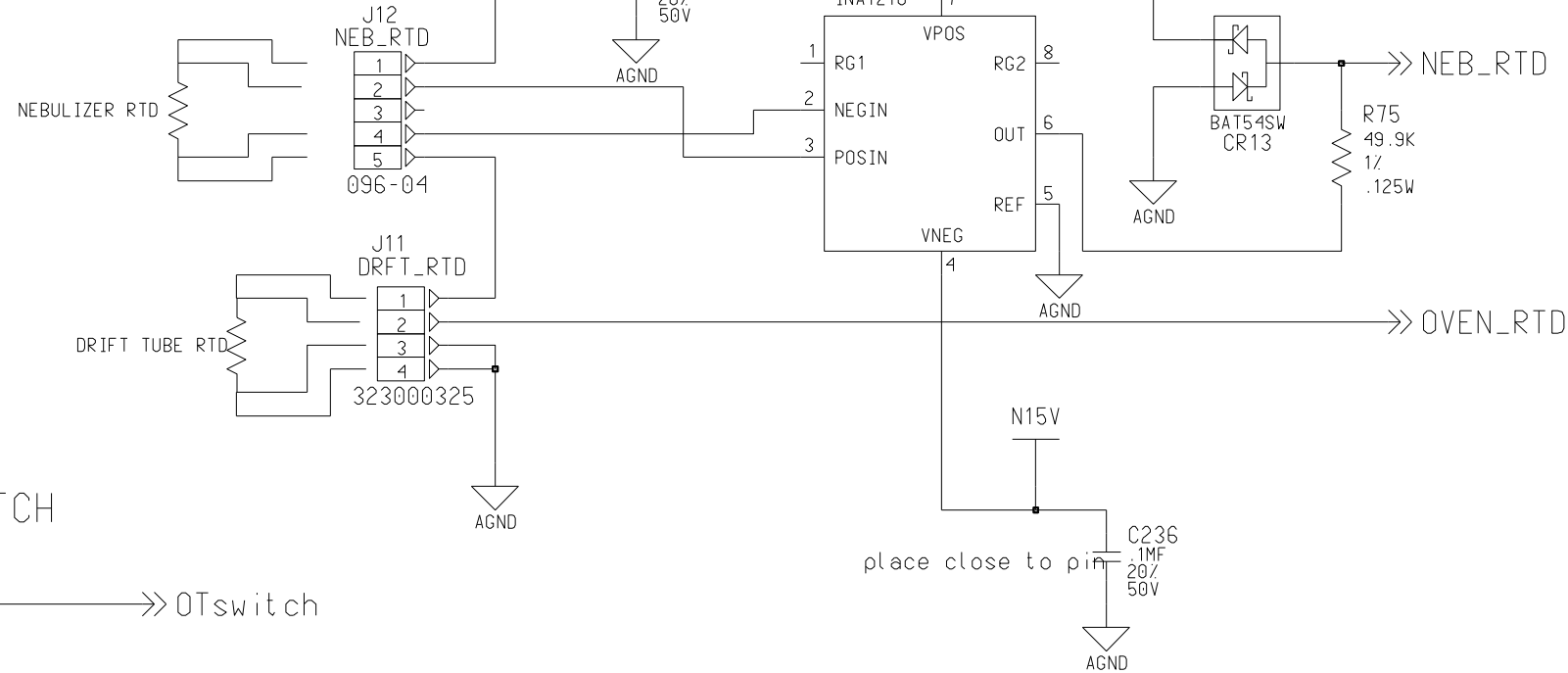
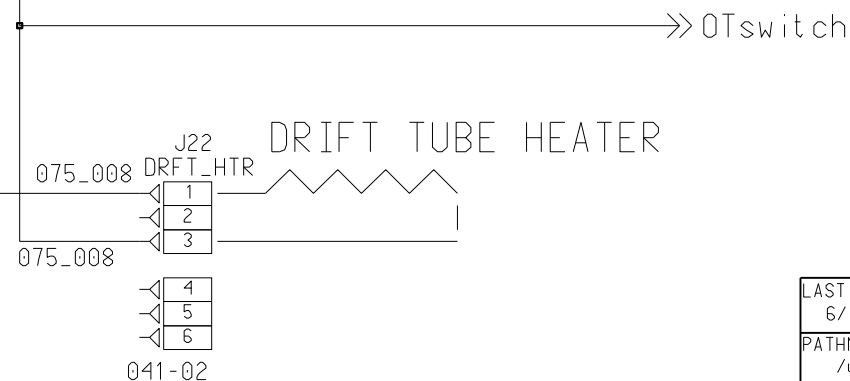
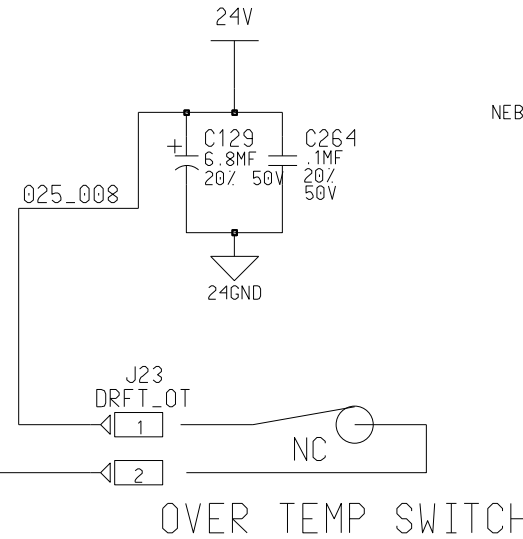
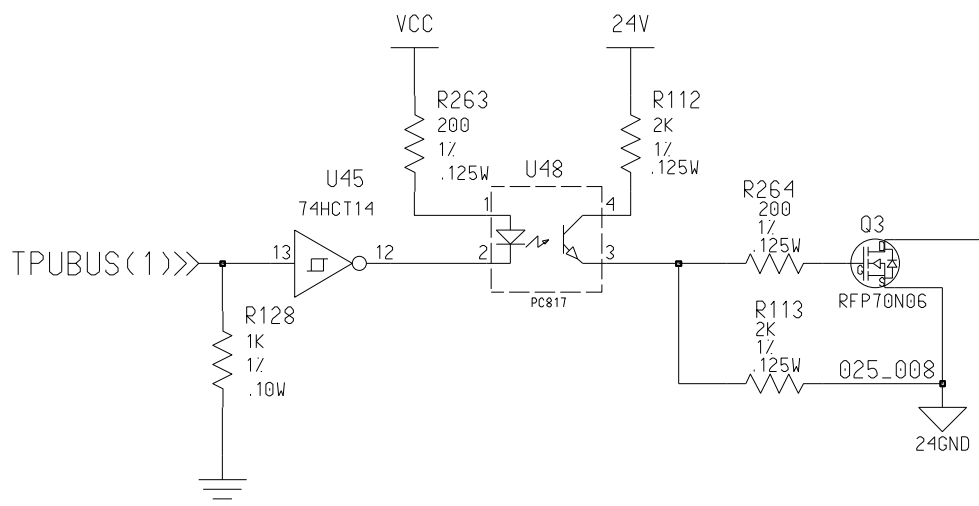
NOTES:
1. UNLESS OTHERWISE SPECIFIED RESISTOR VALUES ARE EXPRESSED IN OHMS.

LAST UPDATE 12/4/2001 14:09		USER shaop	DESIGN J. ENGINR 12/12/99	WATERS 34 MAPLE ST. MILFORD, MA 01757 U.S.A.	
PATHNAME /users/shaop/work/24xx-ELSD-Detector_Personality			DRAWN J. DRAFR 12/12/99		
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			ENGINEER	SIZE D	DRWG NO 710000204
			ENGINEER	REV F	
			APPD	MENTOR DESIGN ARCHITECT Sheet 14 of 19	

DRIFT TUBE RTD DRIVE



DRIFT TUBE HEATER CONTROL

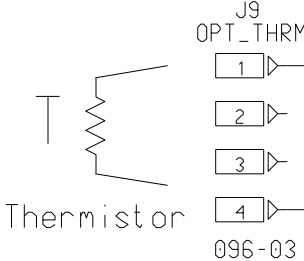


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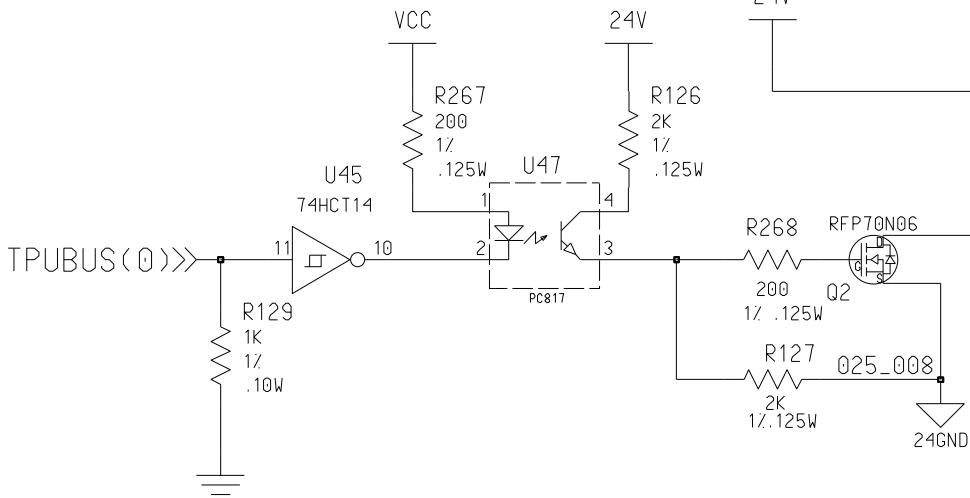
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PATHNAME /users/gonesf/2414/2414_Personal.ity		MENTOR DESIGN ARCHITECT		Sheet 15 of 19	

Thermistor



Exhaust Heater Control

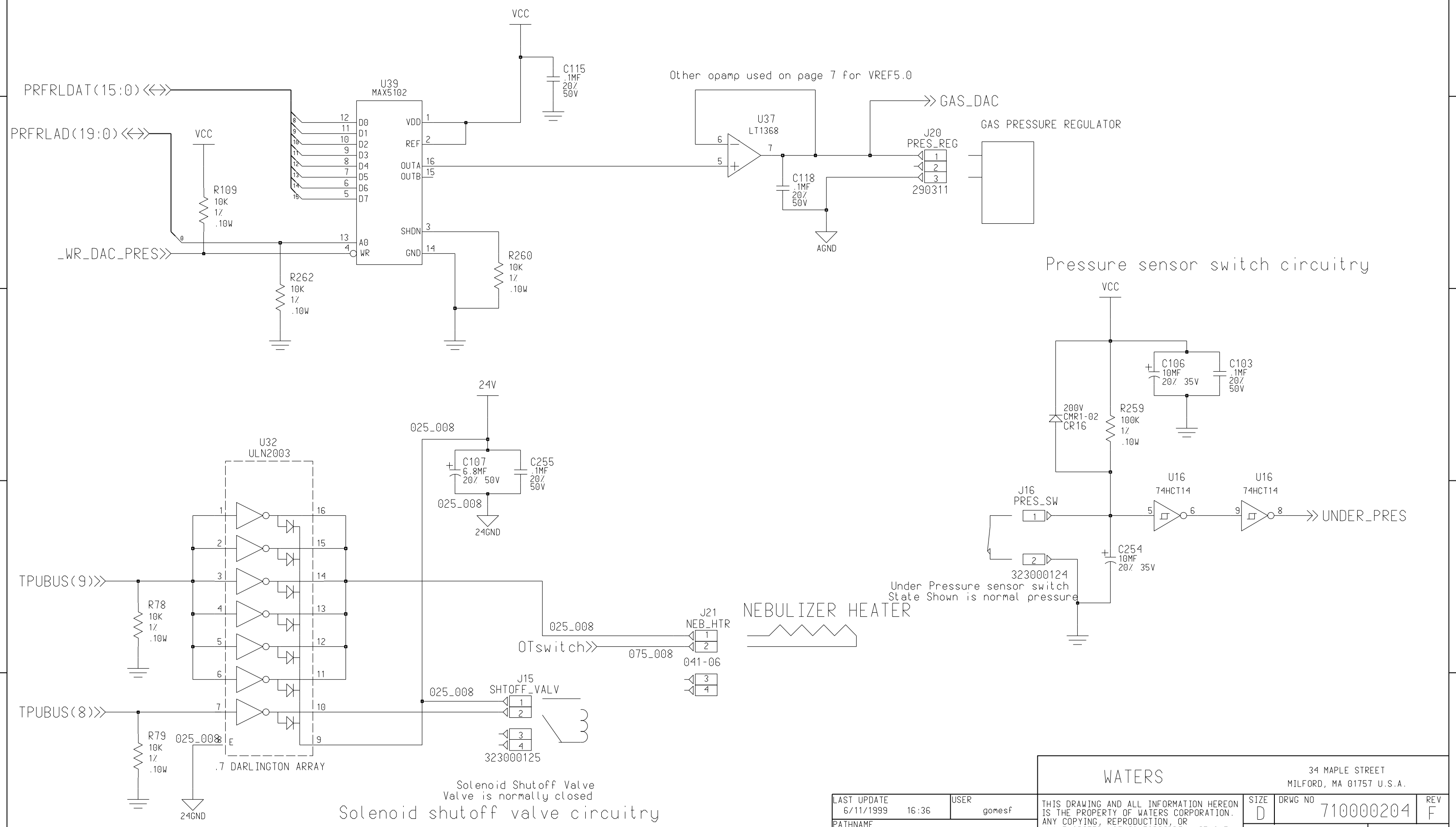


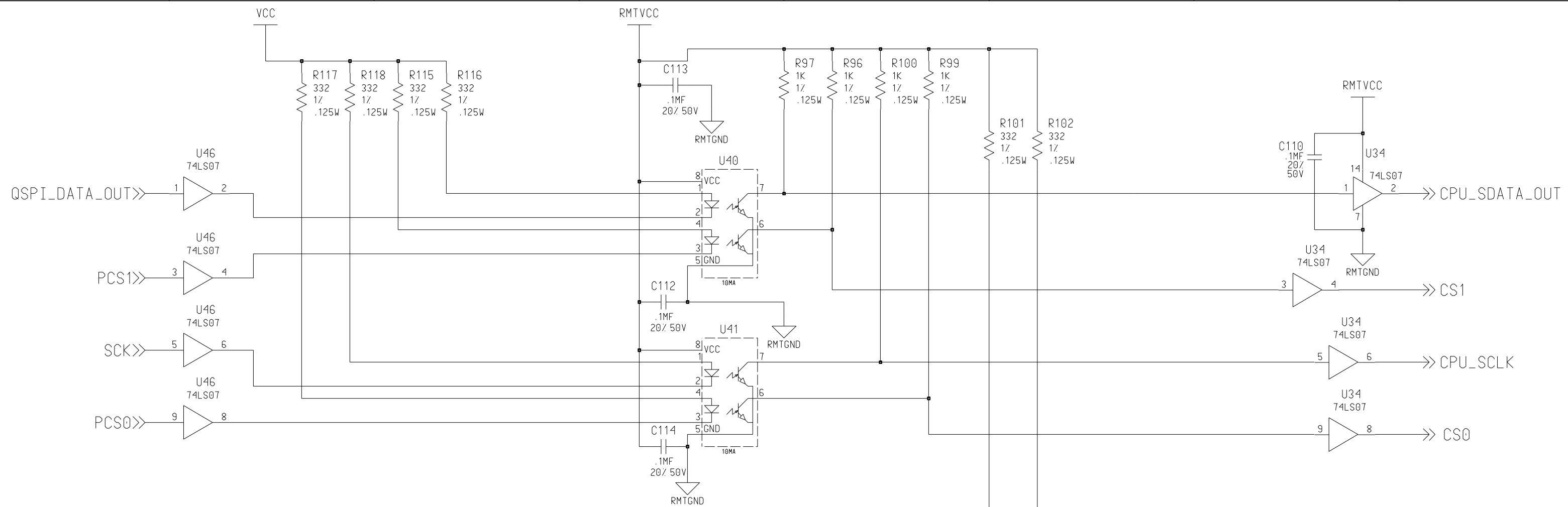
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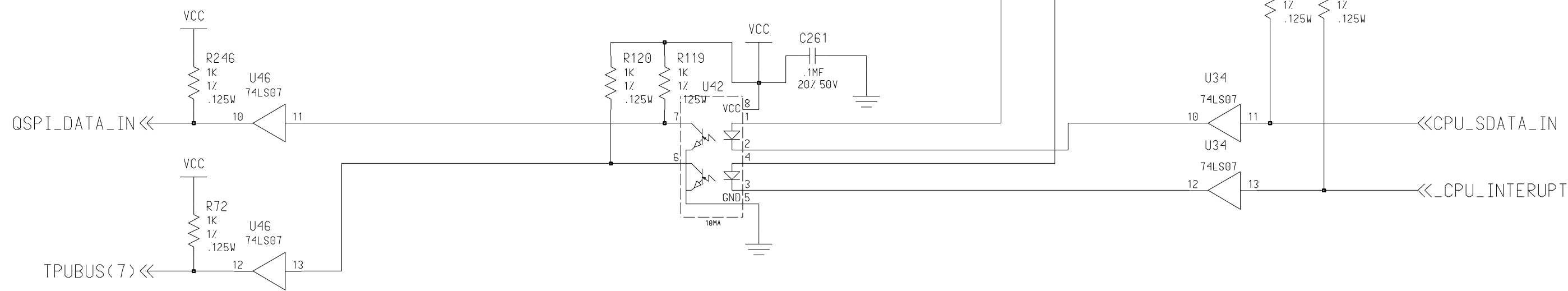
MENTOR DESIGN ARCHITECT	Sheet 16 of 19
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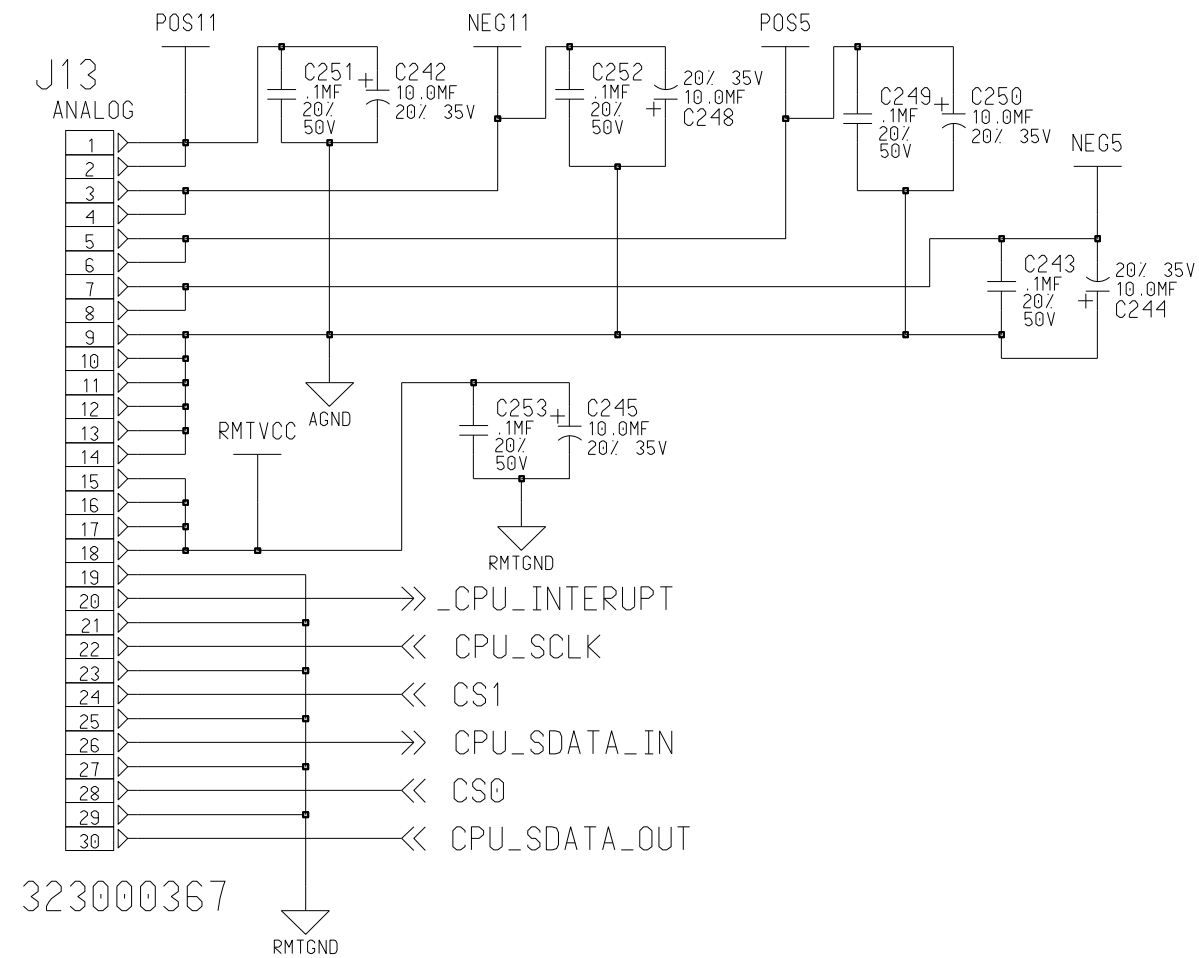
NEBULIZER GAS CONTROL





Front End Analog Board Opto's





T0/From Front End Analog PCB

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LAST UPDATE
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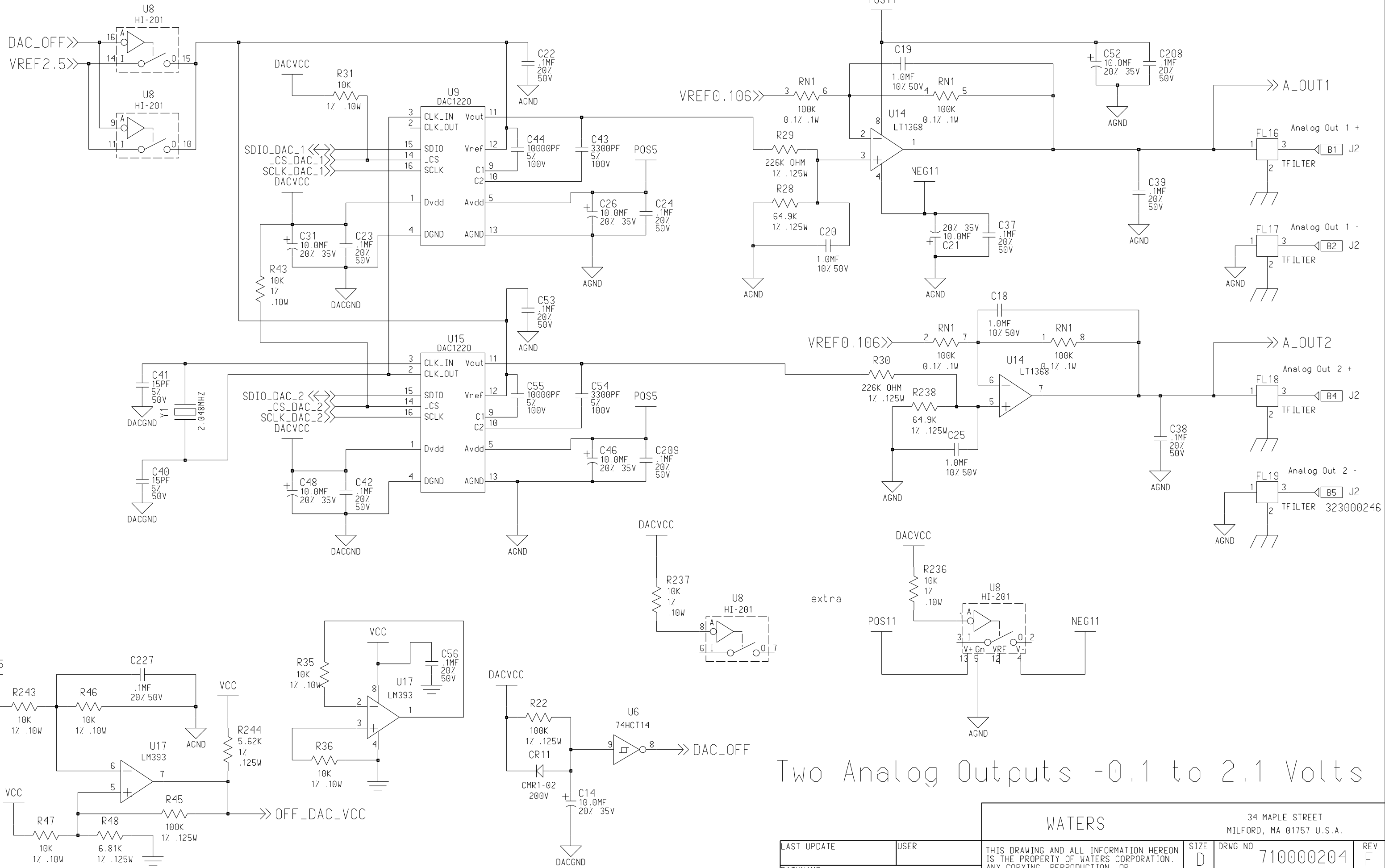
DRWG NO
710000204

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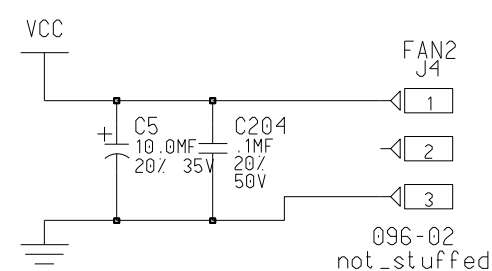
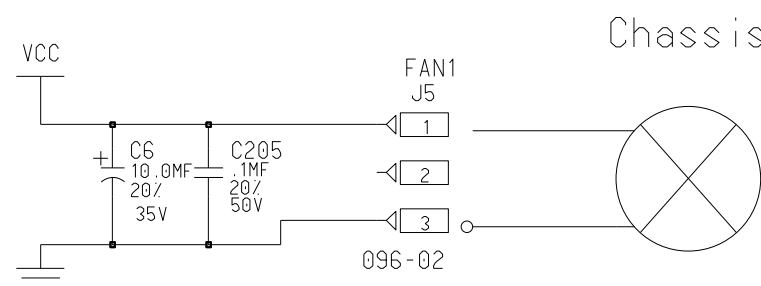
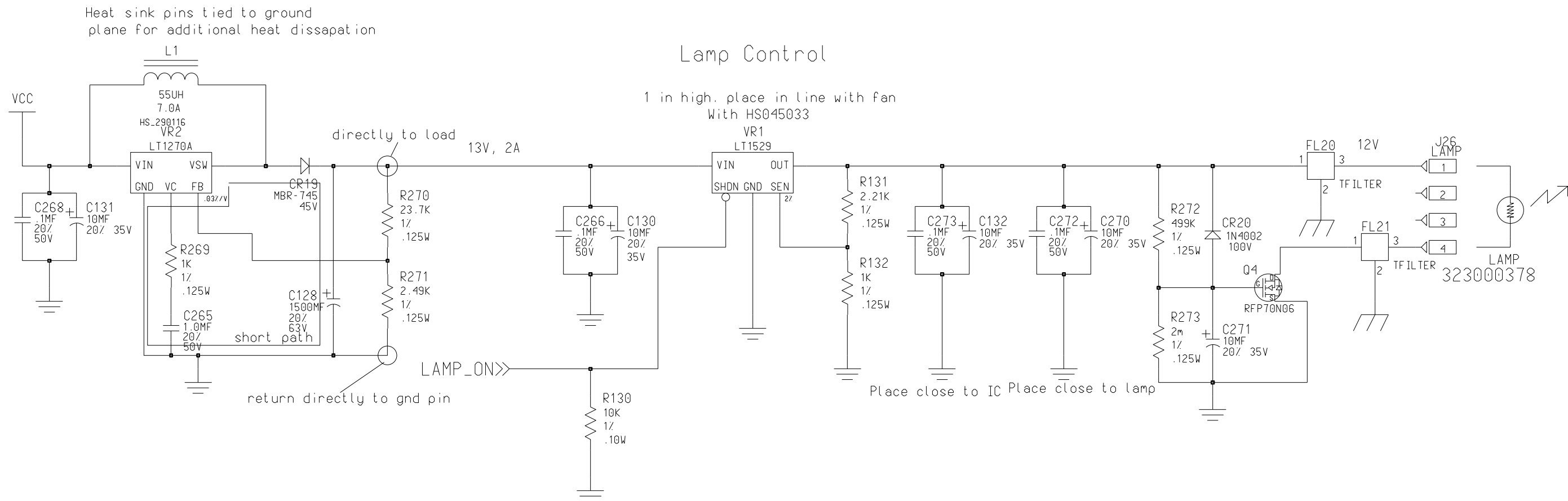
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Two Analog Outputs -0.1 to 2.1 Volts

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PATHNAME				MENTOR DESIGN ARCHITECT		Sheet 3 of 19		



5V Fans to help with minimum load of 3A for power supply

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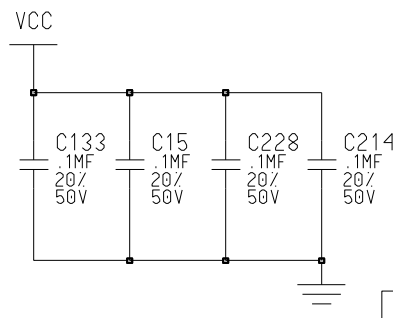
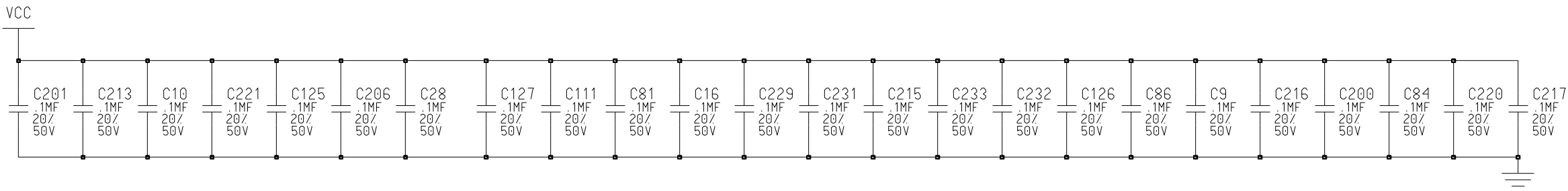
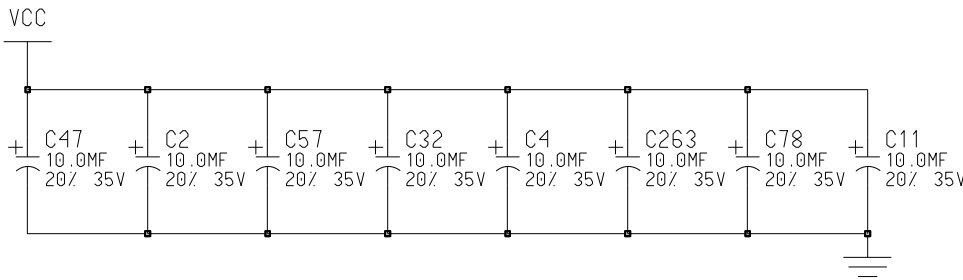
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DRWG NO
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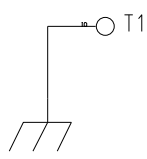
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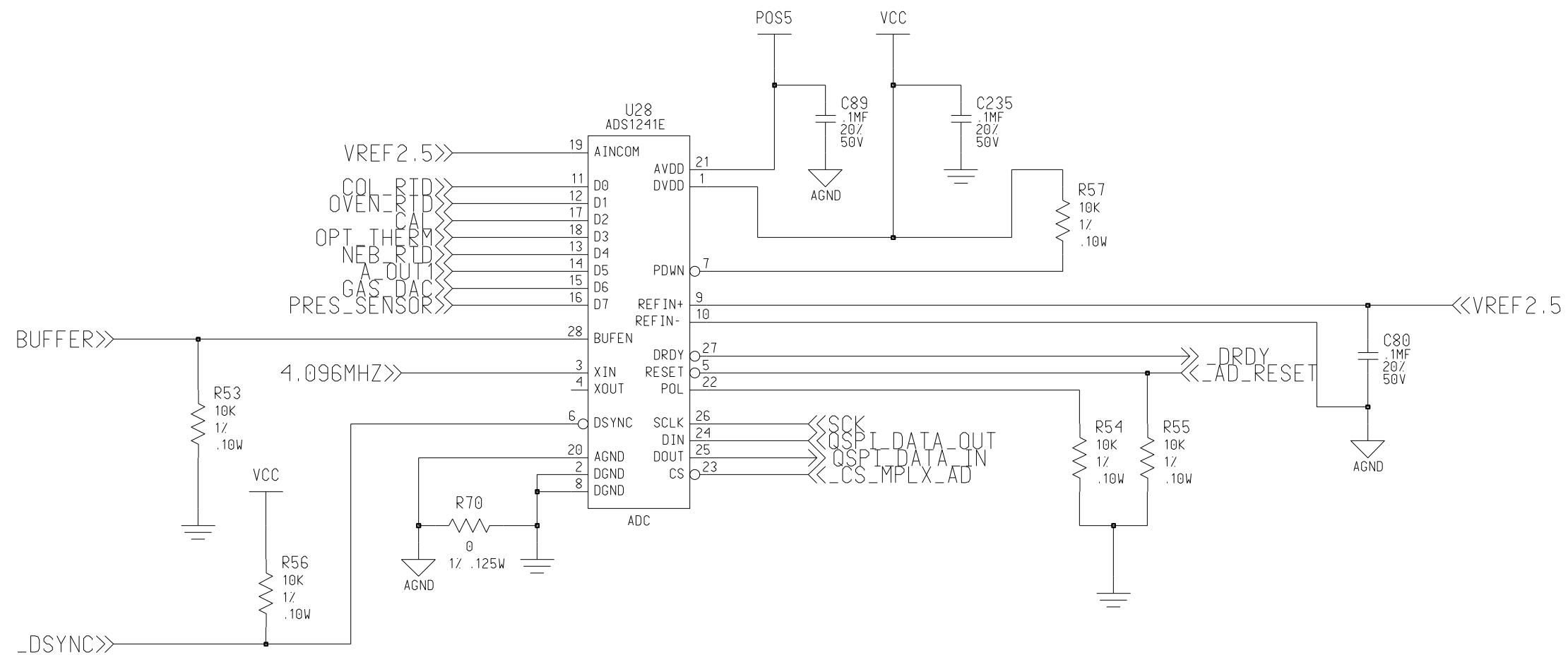
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De-Coupling Capacitors



Multiplexed A/D for Temp Sensors



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