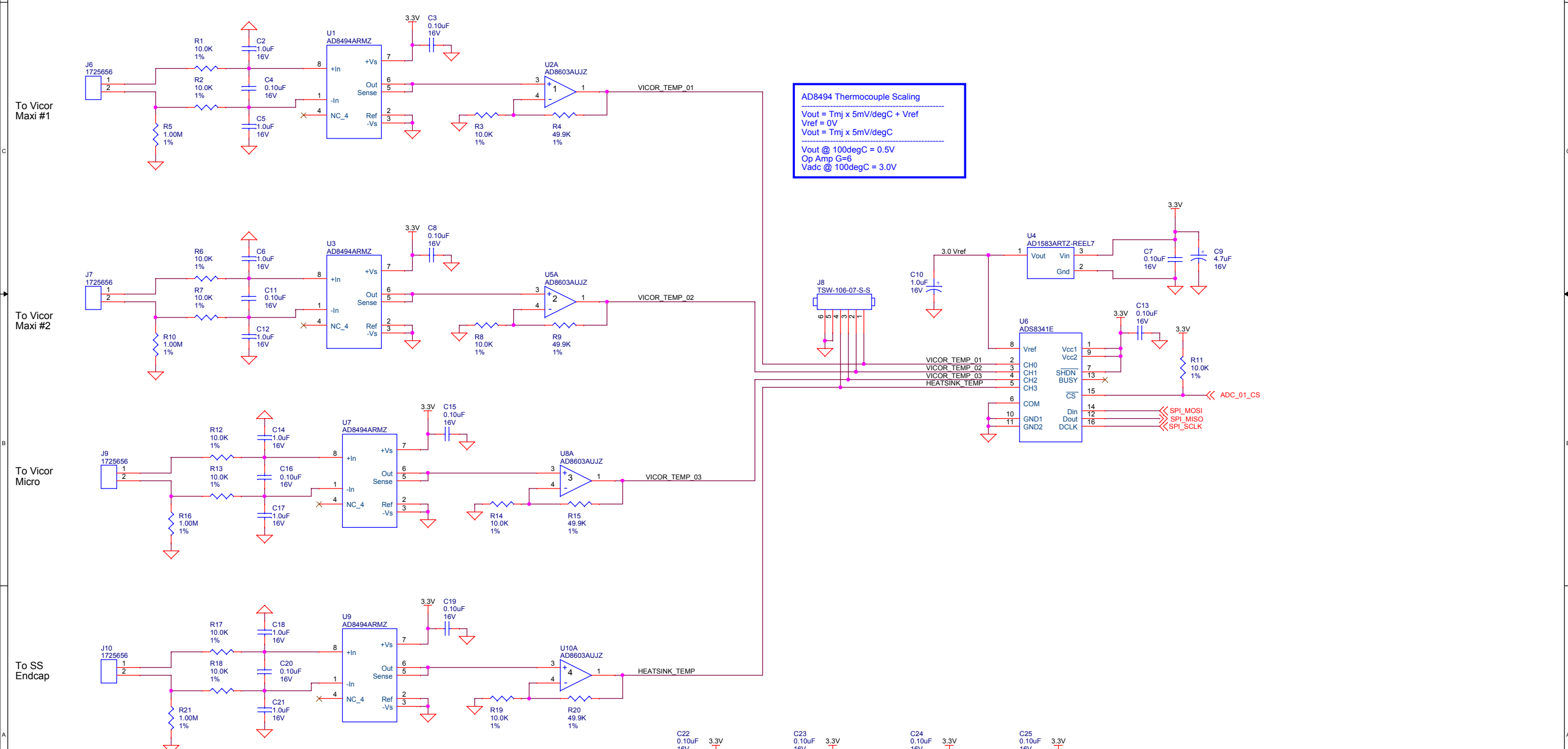
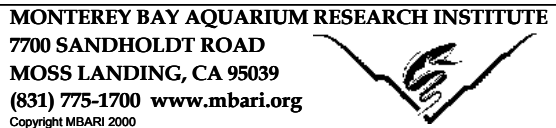
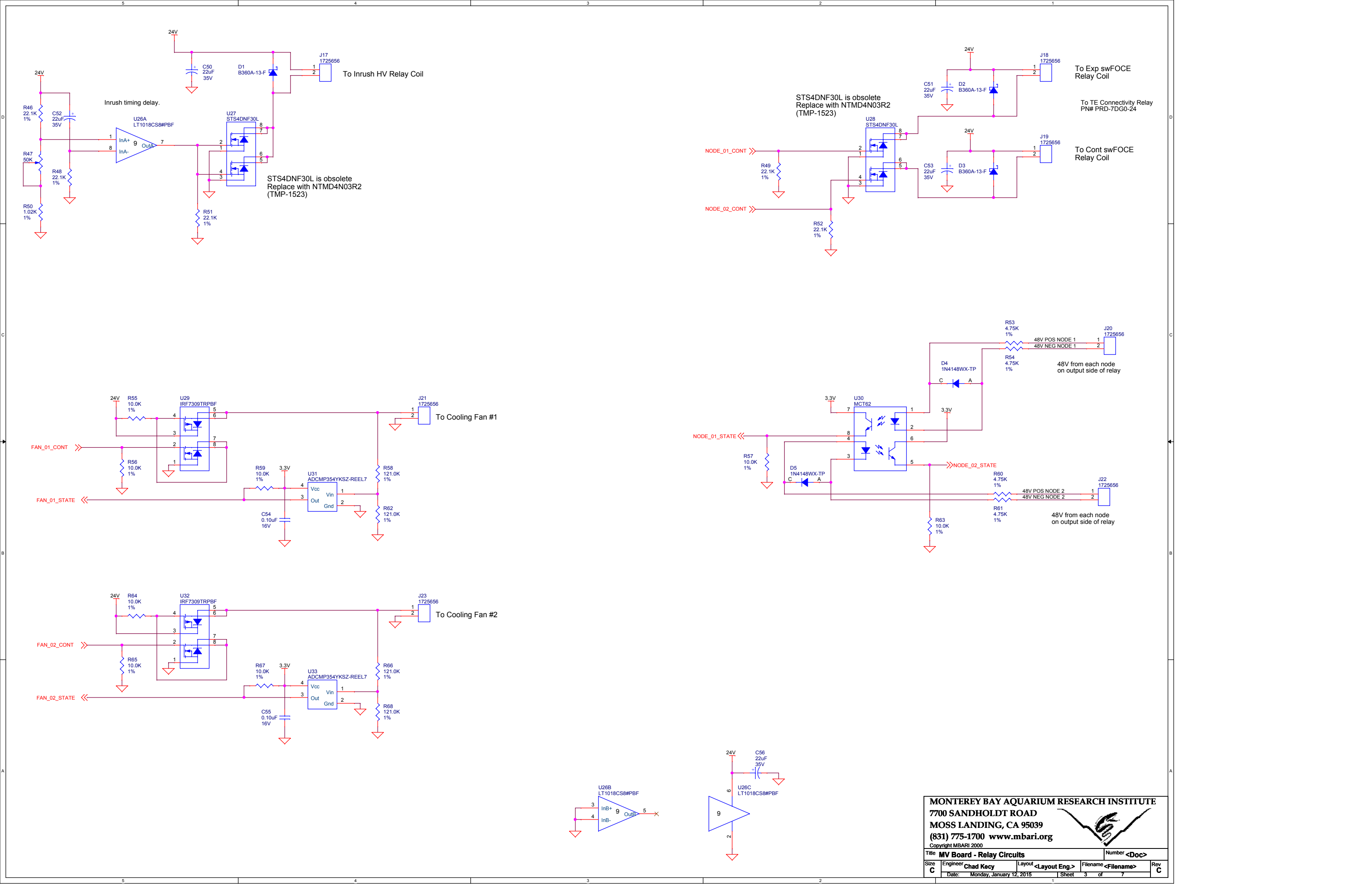
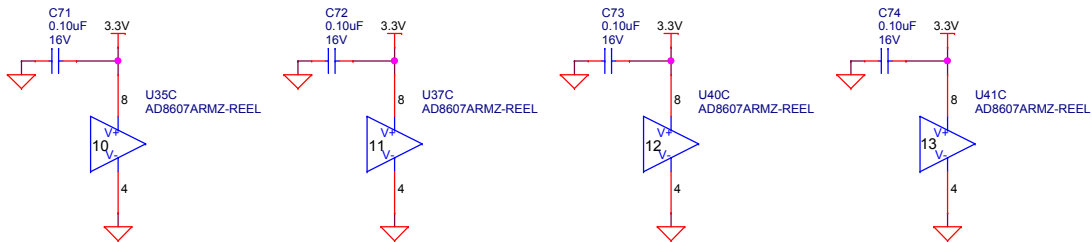






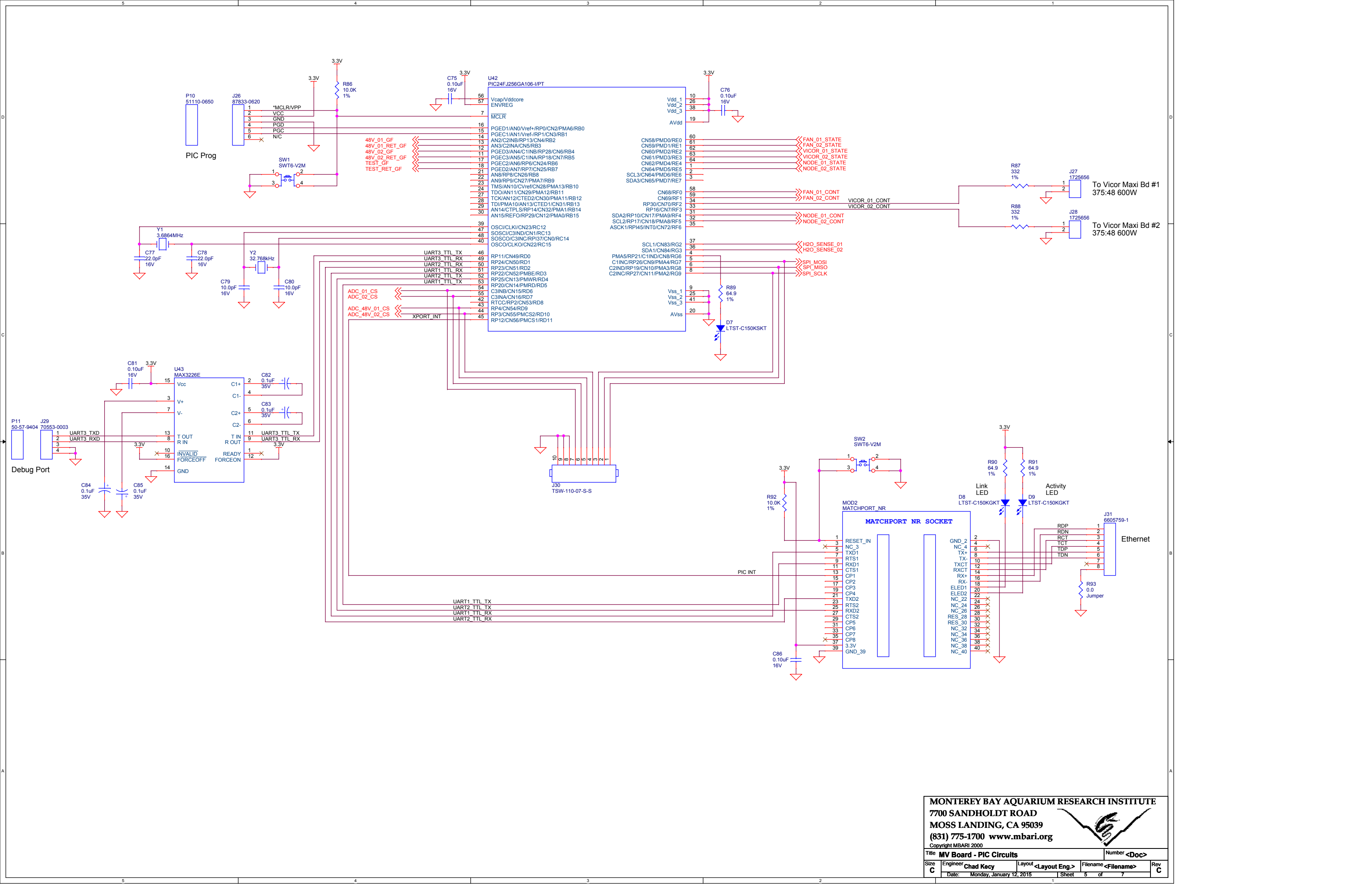
MAX4080 Current Sense Scaling
Maximum Allowed Current to Load = 3.33A (75W)
MAX4080 Gain = 20 (T Version)
MAX4080 Full Scale Output = 5V
MAX4080 Max Vsense = 250mV
Vsense = I-Load * Rsense
Vout = Vsense * Gain
Psense = I-Load*2 * Rsense
3.33A * 75mOhm = 250mV
250mV * 20 = 5V
3.33A*2 * 75mOhm = 832mW
R70/R72 scale to 0 to 3.0V

MAX4372 Current Sense Scaling
Maximum Allowed Current to Load = 2A
MAX4372 Gain = 50 (F Version)
Vsense = I-Load * Rsense
Vout = Vsense * Gain
Psense = I-Load*2 * Rsense
2A * 15mOhm = 30mV
30mV * 50 = 1.5V
2A*2 * 15mOhm = 60mW
U40 amplifies signal to 0 to 3.0V



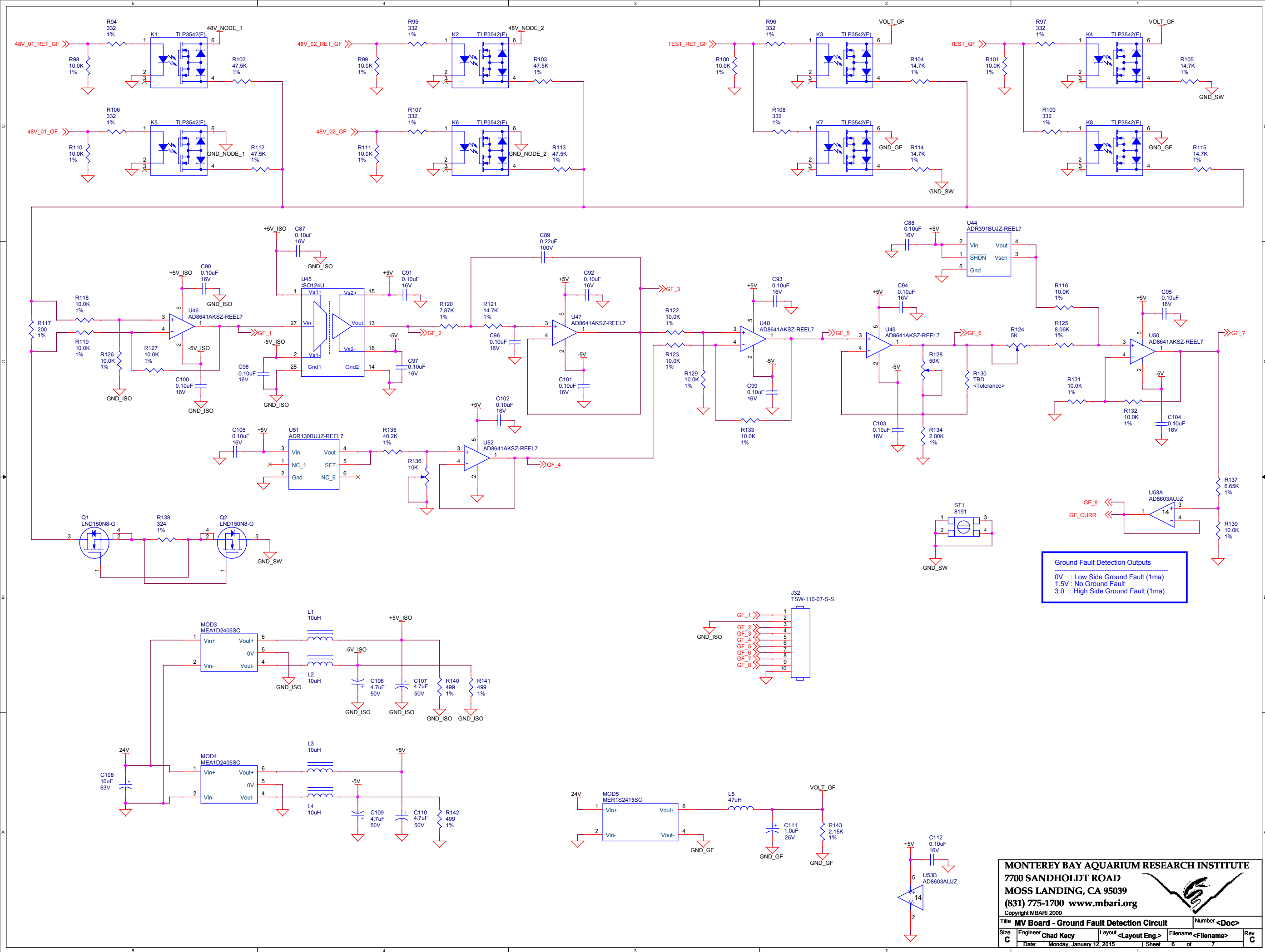
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Engineer Chad Kacy	Layout <Layout Eng.>	Filename <Filename>	Rev C
Date: Monday, January 12, 2015	Sheet 4 of 7		



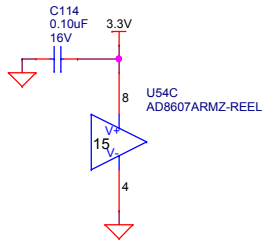
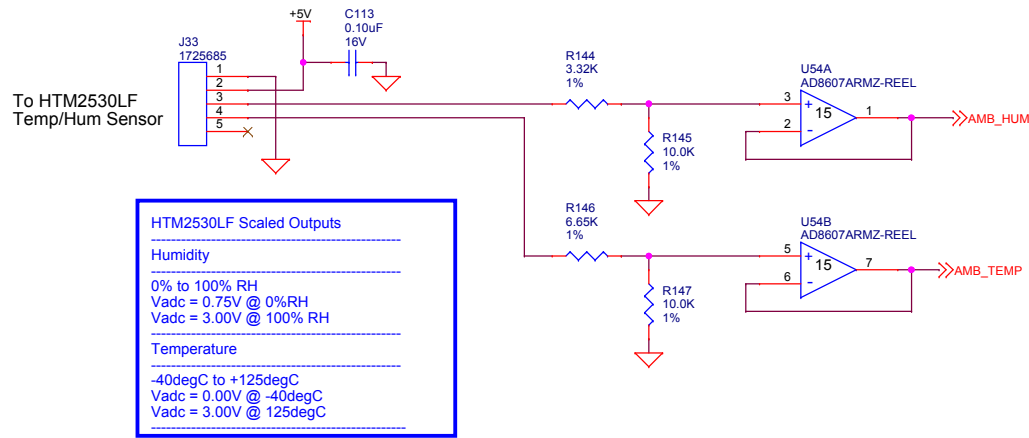
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