

Gain Control DAC

VGA

Power Amplifier

External Transformer, capacitors and coils.

Signal DAC

These components are off the module.

X Coil

BOM

33uF/16V: Nichicon F911C336MCC (493-2315-1-ND)
 2700uF/35V: Nichicon UHE1V272MHD6 (493-1599-ND)
 80MHz Xtal: Citizen CSX750FJB80.000000M-UT (300-8191-1-ND)
 AS Header: 2 x 5 pins on 0.1" grid.
 Thermistor: Epcos B57703M0502G040 (495-2170-ND)
 USB device: Delcom 802600
 USB connector: Assmann [sic] AU-Y1007-R.
 1K trimpot: Bourns 3296Y-2K.
 Cabinet: Hammond 1401G (HM292-ND)
 Supplies (24V, 150W): Triad AWSP150-24 (237-1308-ND)

TO DO:
 Gain DAC -ve output across
 64.9 Ohms to VGA -ve gain input.

A2	Mar'07	A.Stummer	Major changes to Rev:A1 schematic on Rev:A PCB.
Ltr	Date	By	Description

REVISIONS

University of Toronto
 Quantum Optics Group

TOP Coil
Quadrature Driver
 Steinberg Labs

Drawn: A.Stummer Jan '07

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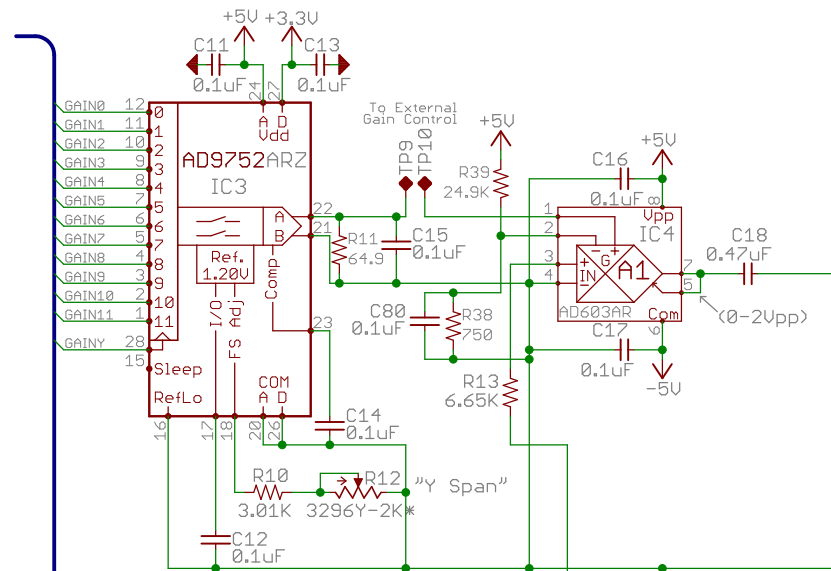
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TOP Coil :File

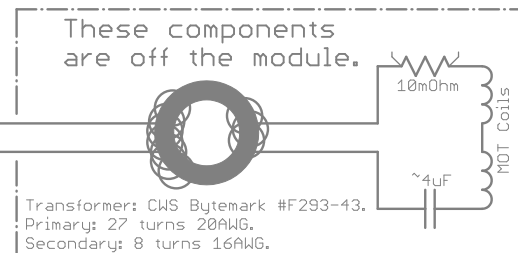
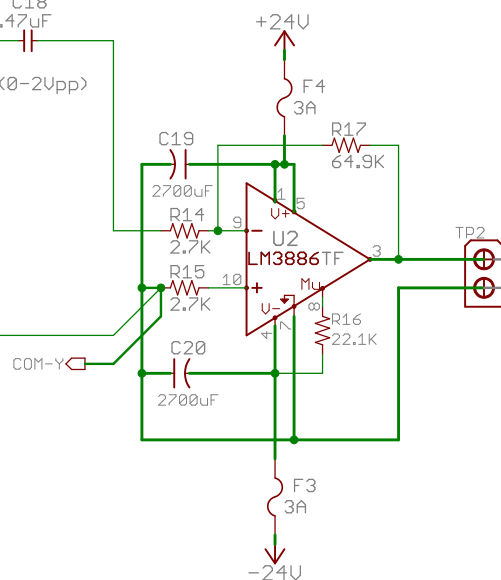
Gain Control DAC

VGA

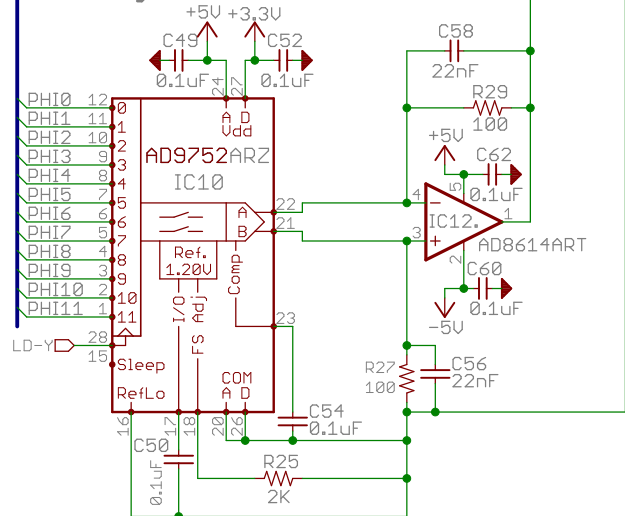


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Signal DAC



Y Coil

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Quadrature Driver

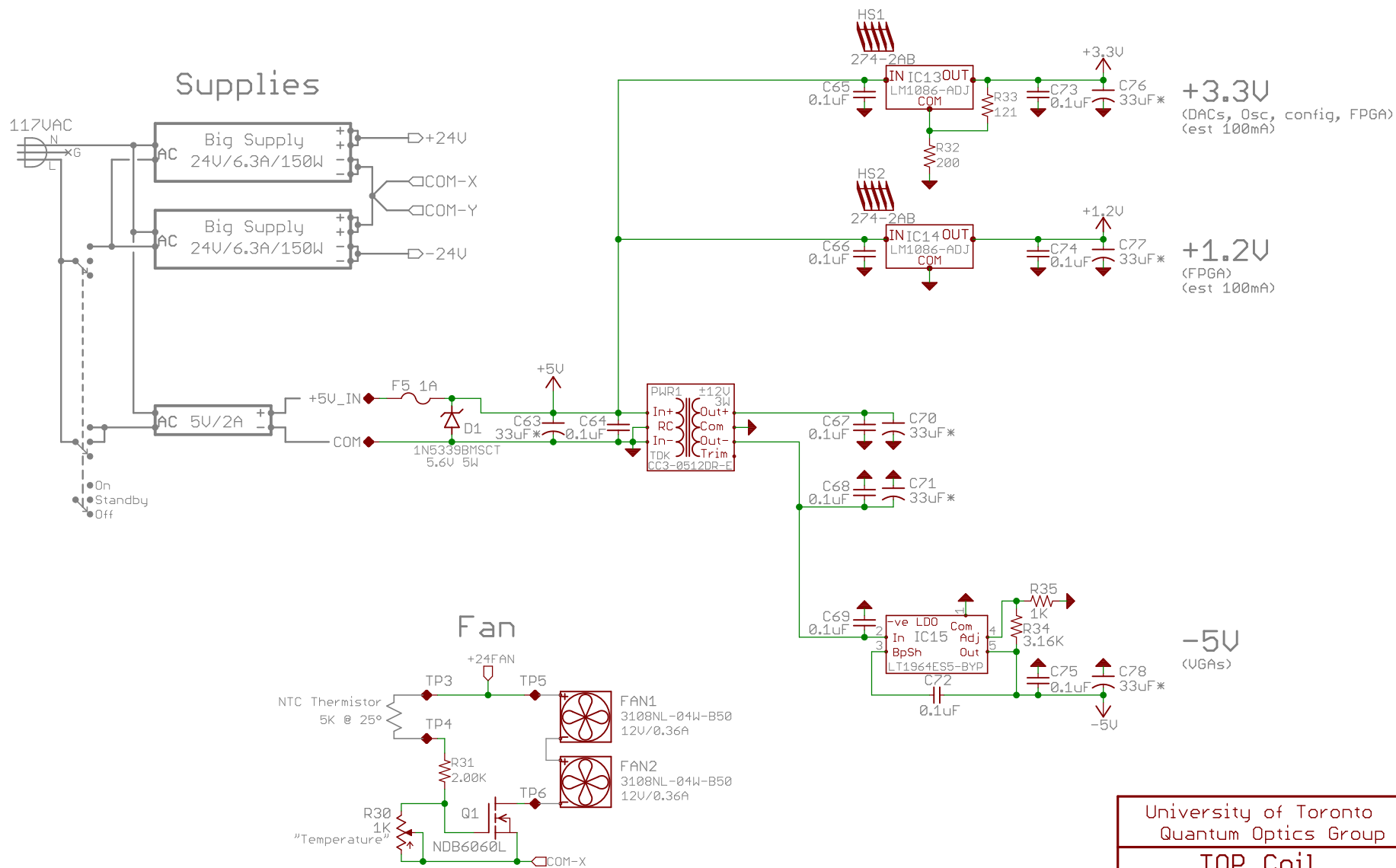
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Supplies



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TOP Coil Quadrature Driver

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