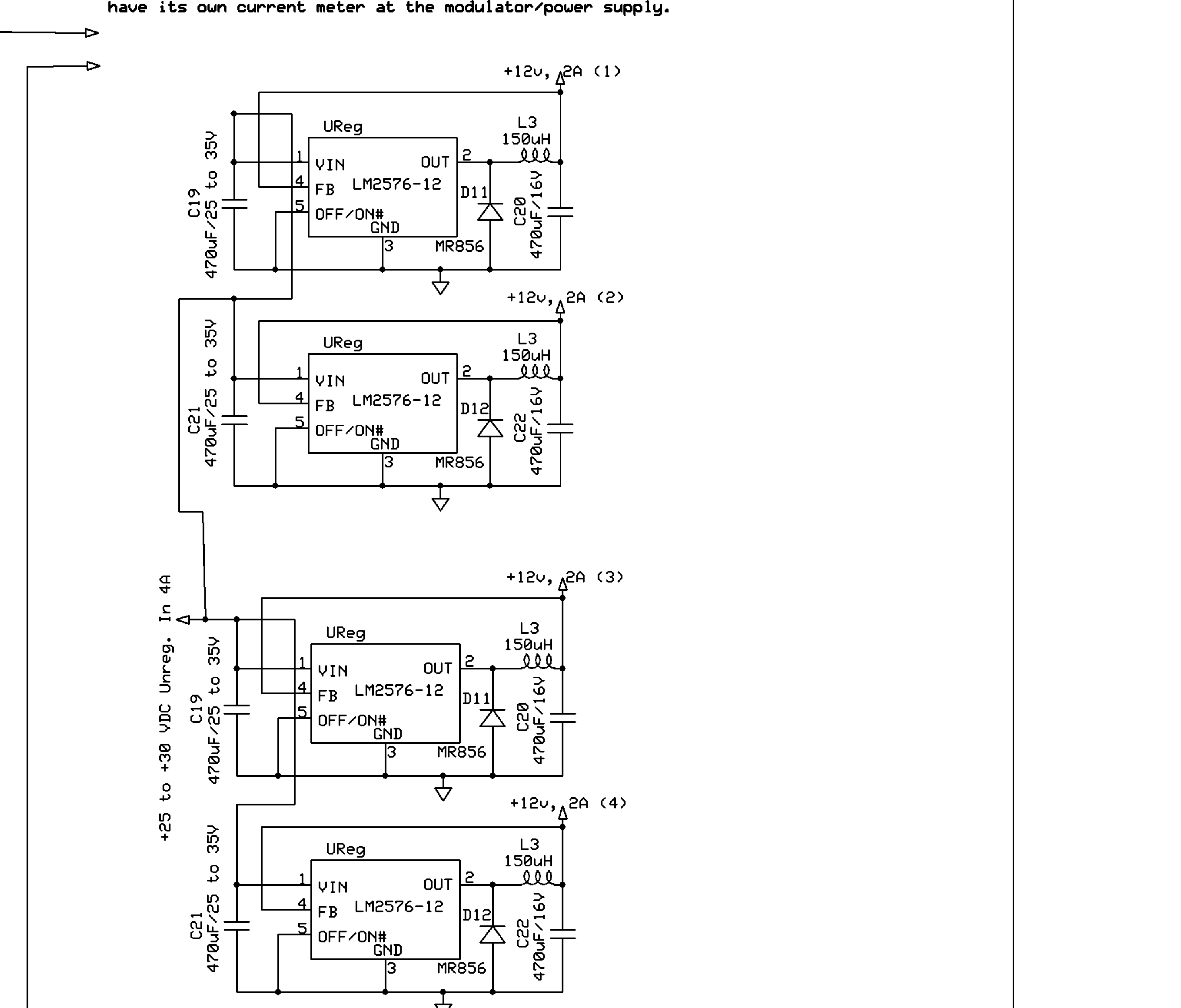
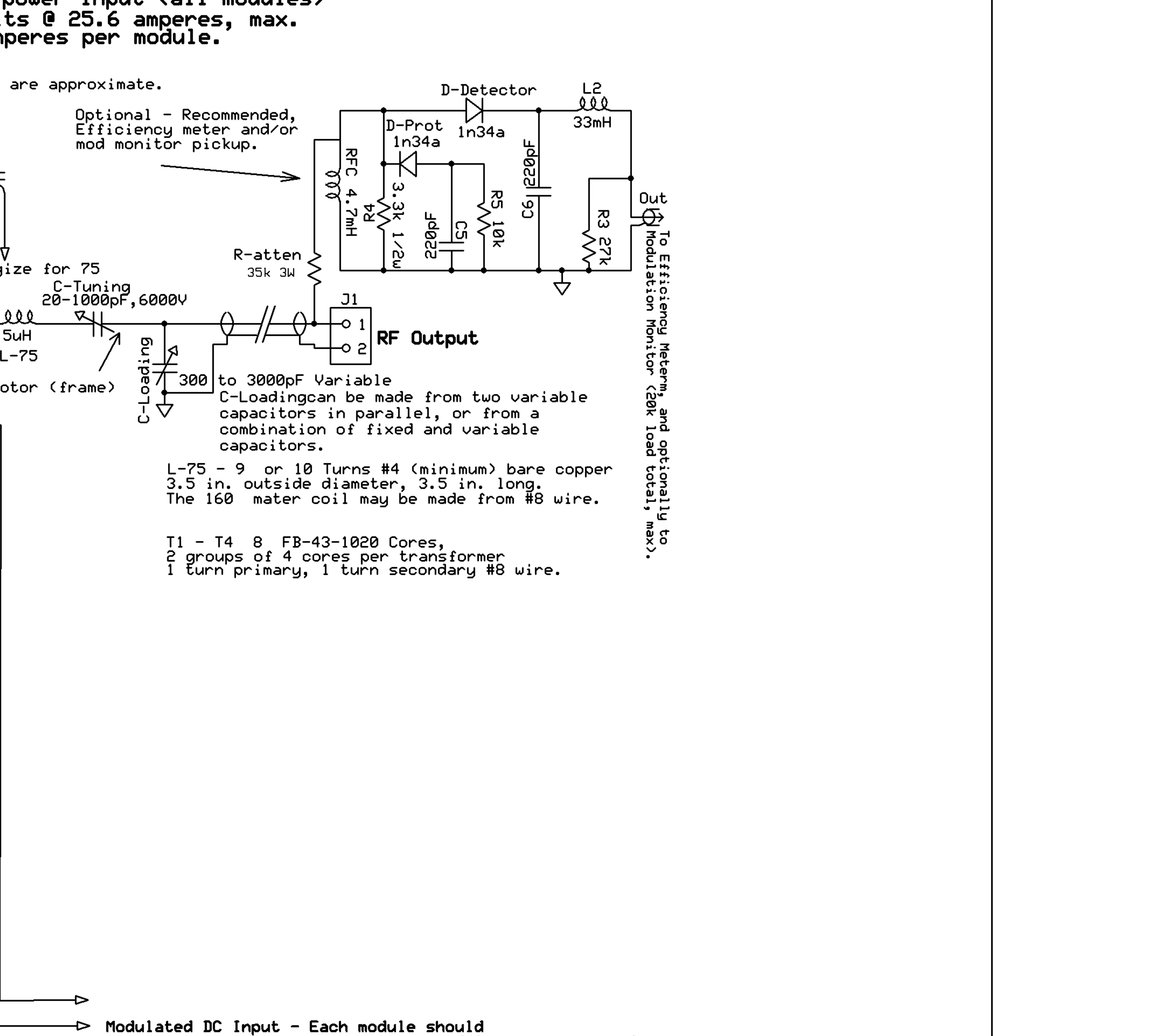
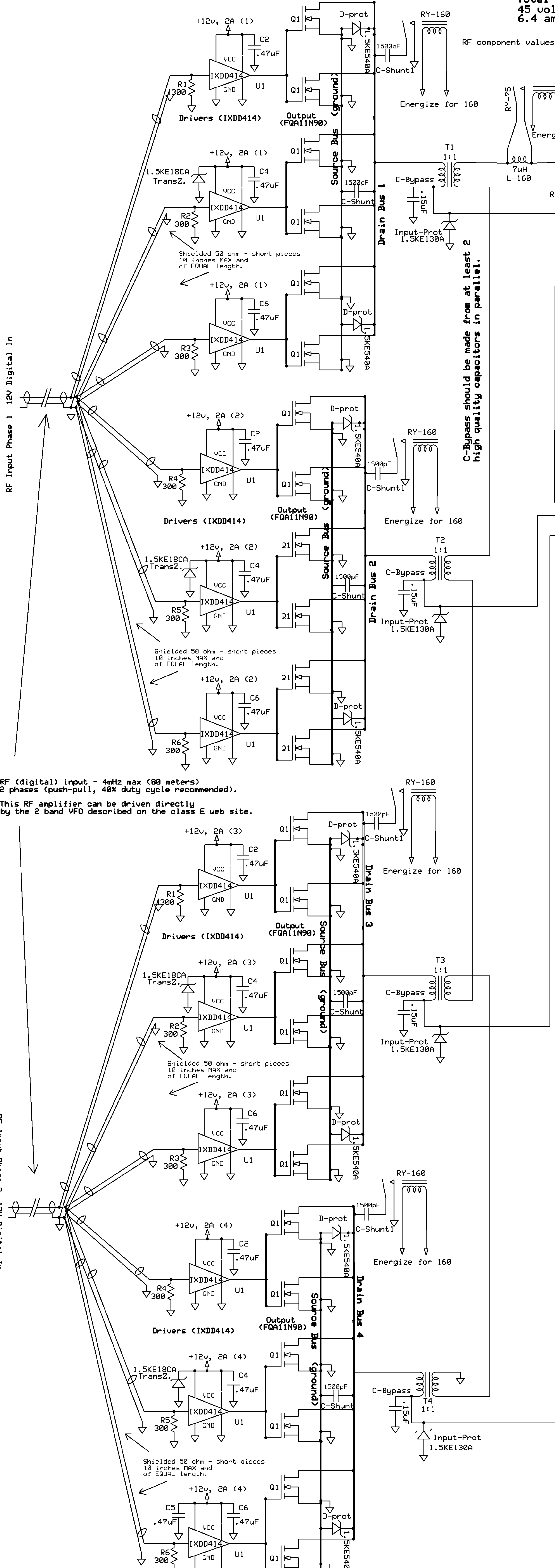


**1152 Watt DC input (at carrier) (1000W. output typical)
4 module, 24 MOSFET, 80/160 Meter Class E RF Amplifier (with driver)**

Total power input (all modules)
45 volts @ 25.6 amperes, max.
6.4 amperes per module.

RF component values are approximate.

Optional - Recommended, Efficiency meter and/or mod monitor pickup.



RF (digital) input - 4mhz max (80 meters)
2 phases (push-pull, 40% duty cycle recommended).
This RF amplifier can be driven directly by the 2 band VFO described on the class E web site.

C-Bypass should be made from at least 2 high quality capacitors in parallel.

C-Shunt and C-Shunt1 (required for each module) - Use American Technical Ceramics multilayer ceramic capacitors ATC100C series (with microstrip termination) recommended. These are much better than doorknob capacitors, cost less, and are smaller.

Remember to include the combined value of your RF bypass capacitors in your PWM filter calculations. The last capacitor in the filter must include the bypass capacitors.

Important: Observe proper output transformer polarity on primary and secondary windings.