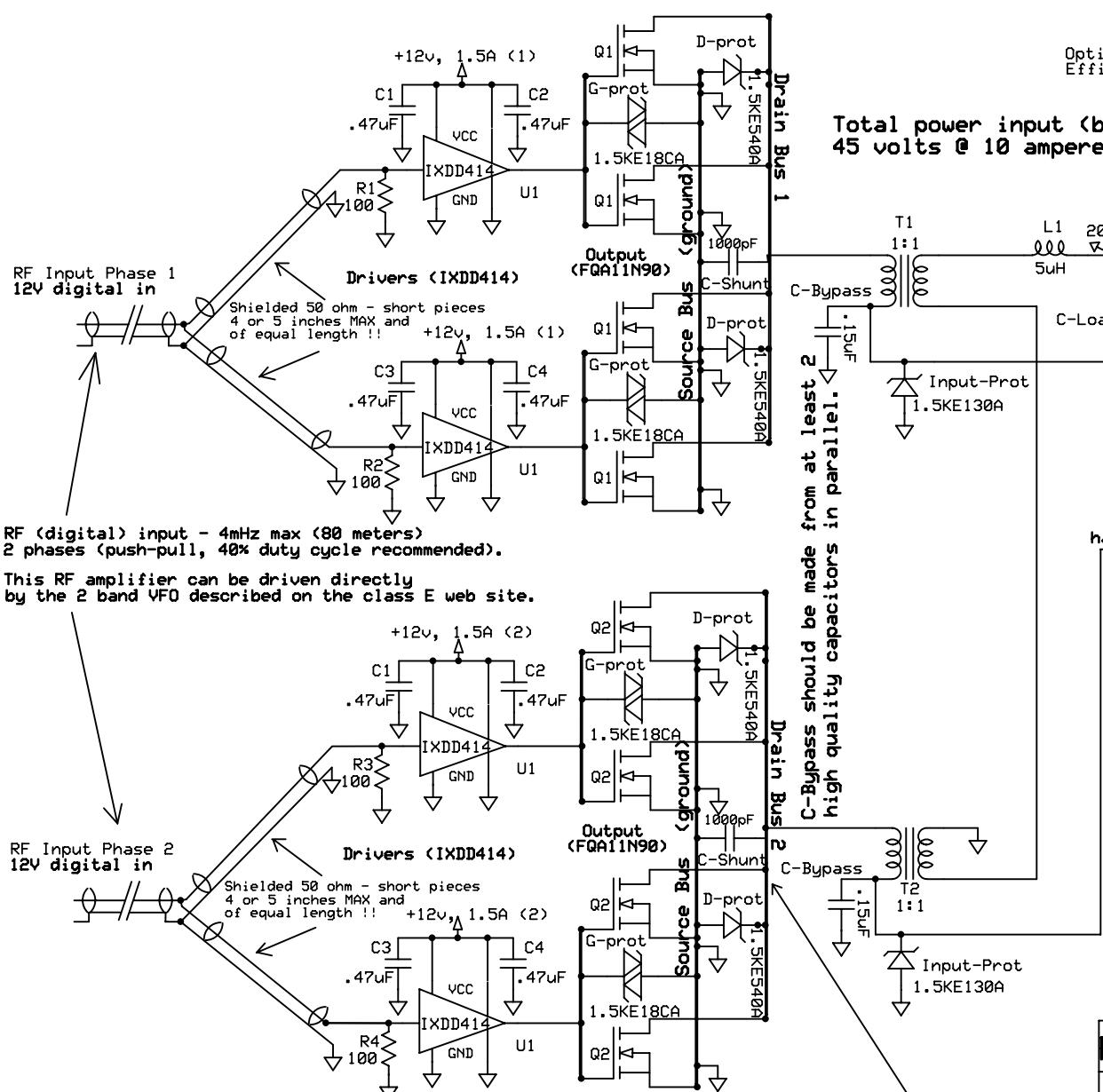
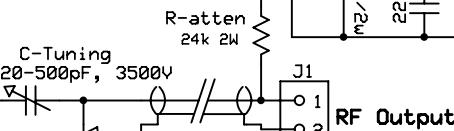


450 Watt DC input (max, at carrier) (400W. output typical) 2 module (push-pull), 8 MOSFET, 80 Meter Class E RF Amplifier (with driver)



Optional - Recommended, Efficiency meter pickup.

Total power input (both modules)
45 volts @ 10 amperes, max.

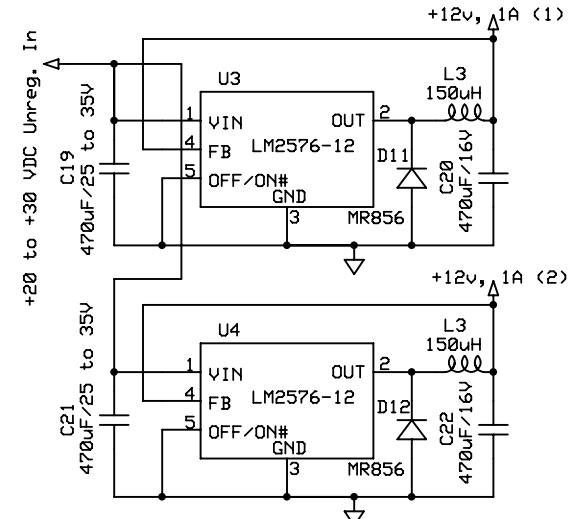


R-atten 1.2MΩ
C-Tuning 24k 2W
L1 0.005uH 5uH
C-Loading 300pF to 3000pF Variable
C-Loading can be made from two variable capacitors in parallel, or from a combination of fixed and variable capacitors.

L1 - 9 or 10 Turns #10 (minimum) bare copper 3.5 in. outside diameter, 3 in. long.

T1 & T2 8 FB-43-1020 Cores,
2 groups of 4 cores per transformer
1 turn primary, 1 turn secondary #8 wire.

Modulated DC Input - Each module should have its own current meter at the modulator/power supply.



Radio Engineering Associates

8 MOSFET Class E RF Amplifier

45 volts @ 10 amperes, max.

S. Cloutier WA1QIX

Rev B

01/12/2009

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