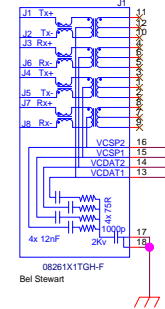
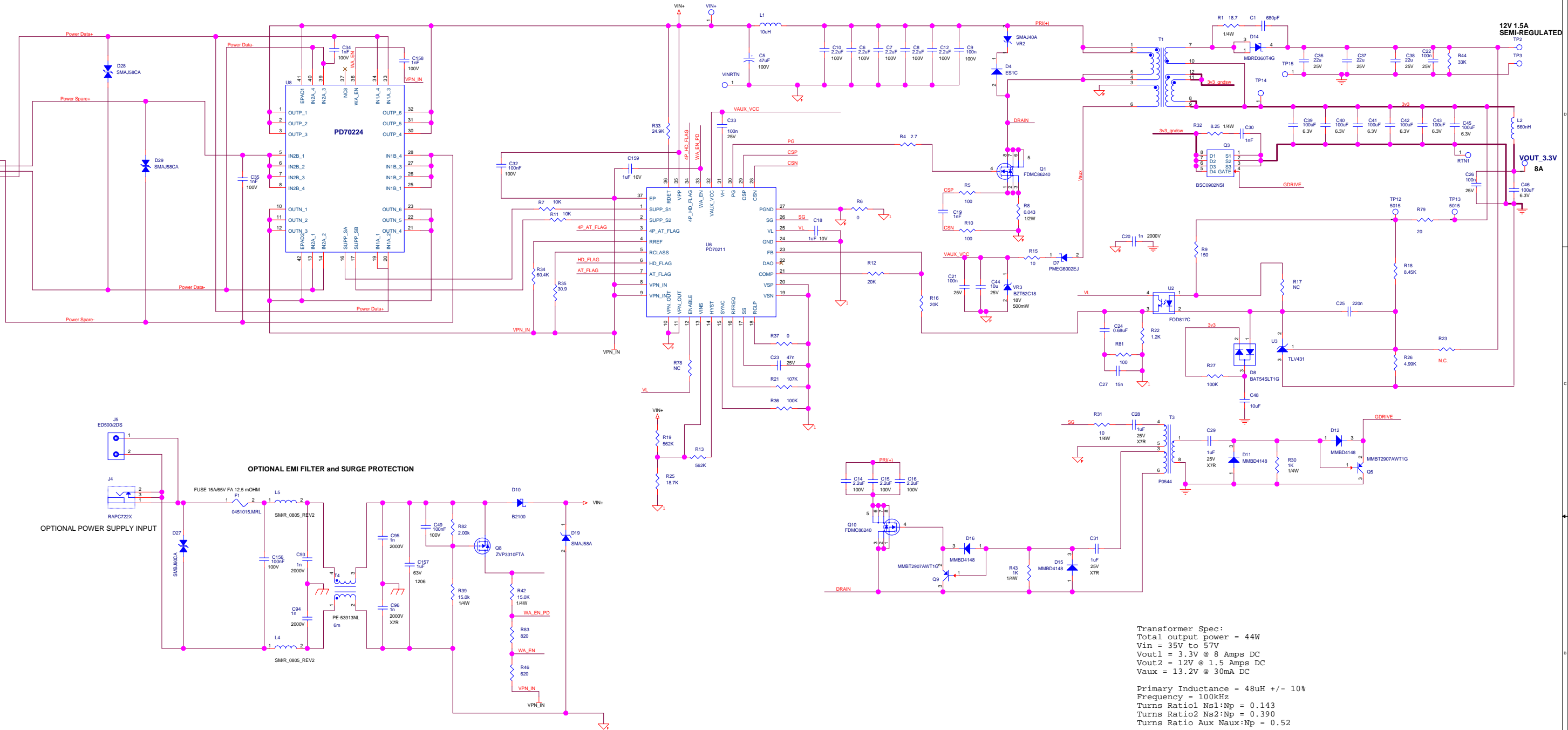


POWER + DATA INPUT



OPTIONAL EMI FILTER and SURGE PROTECTION

OPTIONAL POWER SUPPLY INPUT



Transformer Spec:
Total output power = 44W
Vin = 35V to 57V
Vout1 = 3.3V @ 8 Amps DC
Vout2 = 12V @ 1.5 Amps DC
Vaux = 13.2V @ 30mA DC

Primary Inductance = 48uH +/- 10%
Frequency = 100kHz
Turns Ratio1 Ns1:Np = 0.143
Turns Ratio2 Ns2:Np = 0.390
Turns Ratio Aux:Naux:Np = 0.52

Primary Current = 2.36 Arms at Vpri = 35V
Secondary1 Current = 14.6 Arms at Vpri = 35V
Secondary2 Current = 2.7 Arms at Vpri = 35V
Auxilliary Current = 44mA Arms at Vpri = 35V
Maximum Volt Second Product = 285uV-Seconds

Note: Output currents reflect individual maximums and not total combined output power. Total combined power will not exceed 45W