

Power Transformer Design Worksheet

Name: _____ Company: _____

Street address: _____

City: _____ State: _____ Country: _____ Postal code: _____

Email: _____ Phone: _____ Fax: _____

General application for this product: _____

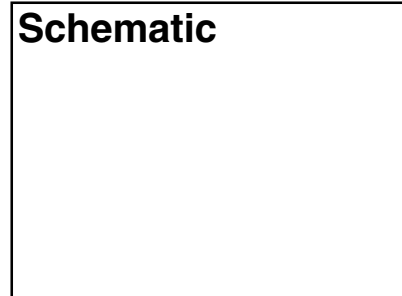
Prototype quantity: _____ Date needed: _____

Projected annual quantity: _____ Budgetary target price: _____

Topology Forward converter Push pull Flyback Continuous Discontinuous
 Other _____

Electrical Primary

Switching frequency (kHz): _____
 Input voltage (V): Min _____ Nom _____ Max _____
 Input current (A): _____ Peak RMS
 Inductance (µH): Min _____ Nom _____ Max _____
 Duty cycle (%): _____
 Leakage inductance (µH): Max _____



Secondary(ies)

	S1	S2	S3	S4	S5	S6
Voltage (V): <input type="checkbox"/> AC <input type="checkbox"/> DC	_____	_____	_____	_____	_____	_____
Current (A): <input type="checkbox"/> Peak <input type="checkbox"/> RMS	_____	_____	_____	_____	_____	_____
Impedance (Ohms):	_____	_____	_____	_____	_____	_____
Diode drop (V):	_____	_____	_____	_____	_____	_____
Leakage inductance (µH):	_____	_____	_____	_____	_____	_____
Dielectric withstanding voltage (V): _____ <input type="checkbox"/> DC <input type="checkbox"/> AC Time (seconds): _____						
Temperature rise, maximum (°C): _____						
Ambient temperature range (°C): _____ to _____						

Physical

Mounting type: Surface mount Leaded
 Maximum size (mm): Length _____ Width _____ Height _____

Other

Agency requirements: IEC UL CSA VDE Other: _____
 Working voltage (V): _____ Basic Supplementary Reinforced
 Special testing conditions (altitude, accelerated life, etc.): _____

Additional information: _____

