

LLC SERIES RESONANT NETWORK REQUEST FORM



Date	dd/mm/yy		
Company	Name		
	Address		
Applicant	Name		
	Phone NR		
	e-mail		
Final equipment name			
Required sample qty	pcs		
Desired sample delivery date	dd/mm/yy		
Expected mass production start date	dd/mm/yy		
Expected qty	curr. year	+1 year	+2 year
Target price	€	US\$	
PCB Layout	Ready	(Y/N) (Yes → attach required dimensions and PCB layout)	
	To be designed/revise	(Y/N)	

If the best efficiency is requested show the actually required parameters, larger input voltage range and similar requests will reduce it.

Input Voltage from main or PFC stage	PFC out		rectified main	
	Min	V(dc)		V(dc)
	Rated	V(dc)		V(dc)
	Max	V(dc)		V(dc)
Temporary Input Voltage (for hold-up time requirement)	Min	V(dc)		
Switching Frequency	Preferential		Absolute limits	
	Min	KHz		
	Rated	KHz		
	Max	KHz		
Preferential resonant capacitor (one or more capacitance preferred values)	Cr	nF		
Power outputs voltage/current		V(dc)	CT=Center Tap sec	Rectifier diode F _w V(dc) ⁽¹⁾
	1		S=Single sec	
	2			
	3			
(1) show the single diode V _{forward} in both case, center tap (2 diodes) or single secondary (rectifier bridge)				
Auxiliary winding	requir.(Y/N)	V(dc)	mA(dc)	used for S=controller supply F=feedback B=both
Ambient temperature	Max	°C		
Safety requirements	Pri/Sec dielectric strength	creepage	clearance	DTI (through insulation)
Other binding requirements				
Other desired requirements				



Note : Ask for the actually needed parameters. Request of output power and input voltage range larger than the actuals will reduce the efficiency and/or increase the transformer temperature rise.

See the available sizes and optimal pin layout on our web site

http://www.itacoilweb.it/eng/hf_transformers_resonant.html