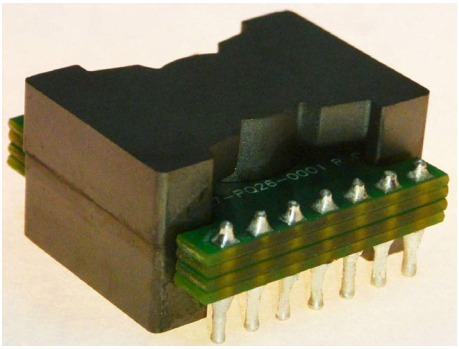
Champs P26F6 Series BCM Planar Flyback Solutions for LT3798



- Optimized for PFC Offline No-Opto Isolated Flyback Converter Design, BCM
- Footprint 28.0 x 28.3 mm x 13.0 mm Ht
- Typical Efficiency 87-92%
- Data shown for rectified DC Input Voltage from 85-265 VAC Input Line
- Aggressive Interleave planar construction -- lowest achievable Leakage Inductance.
- Wide variety of PNs, Designs and Turns Ratios in stock
- Surface Mount, Thru-Hole, Pad-to-Pad, Embedded Planar Windings Available
- Proven in actual PFC Offline AC-DC converter applications using LT3798 IC

Catalog for P26F6 Series Including Data Sheets

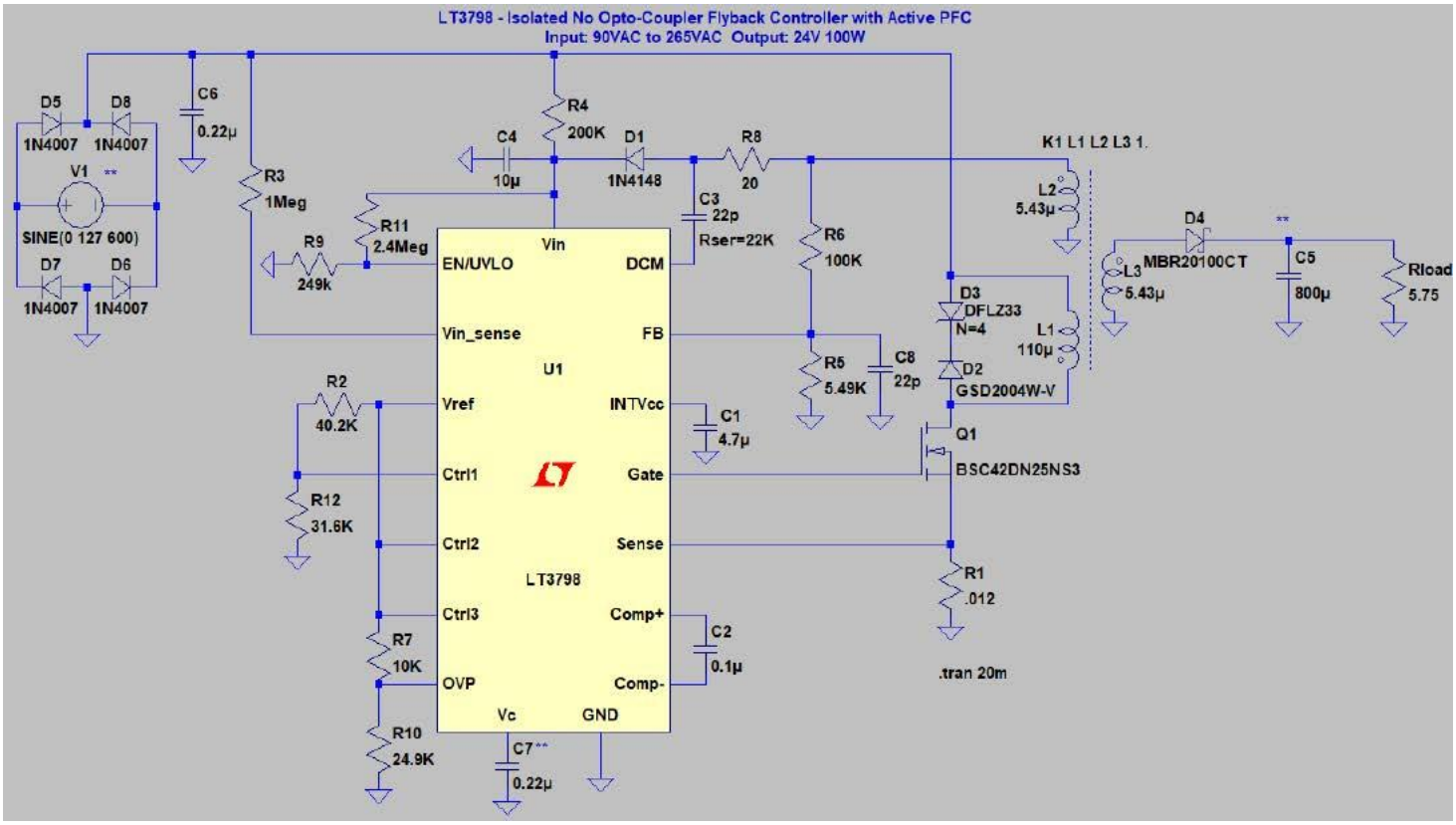
1. Input Voltage Range 85-265 VAC 50-60Hz. BCM Flyback.

Champs PN	Vin (Min)	Vin (Max)	Vout	Iout (Adc)	Pout (Watts)	Freq (KHz)	Ipk [Rated]	Ipk [Max]	Mode
P26F6-1809-04-88R	98	375	53	2.35	125	88-280	6.3	9.6	BCM
P26F6-1806-03-98R	98	375	48	2.60	125	100-320	5.6	7.3	BCM
P26F6-1809-04-130R	98	375	48	1.56	75.0	88-300	4.0	6.0	BCM
P26F6-1805-04 -88R	98	375	28	4.5	125	88-280	6.4	9.6	BCM
P26F6-1805-04 -140R	98	375	28	2.70	75	88-280	3.9	6.1	BCM
P26F6-AC-2006 -03-88R	98	375	24	5.2	100	82-280	6.0	9.2	BCM
P26F6-1804-04 -150R	98	375	24	3.1	75	88-280	3.7	5.7	BCM
P26F6-1802-04 -88R	98	375	12	10.4	125	85-280	6.5	9.6	BCM
P26F6-1802-04 -150R	98	375	12	6.25	75	85-280	3.8	5.6	BCM
Note:									

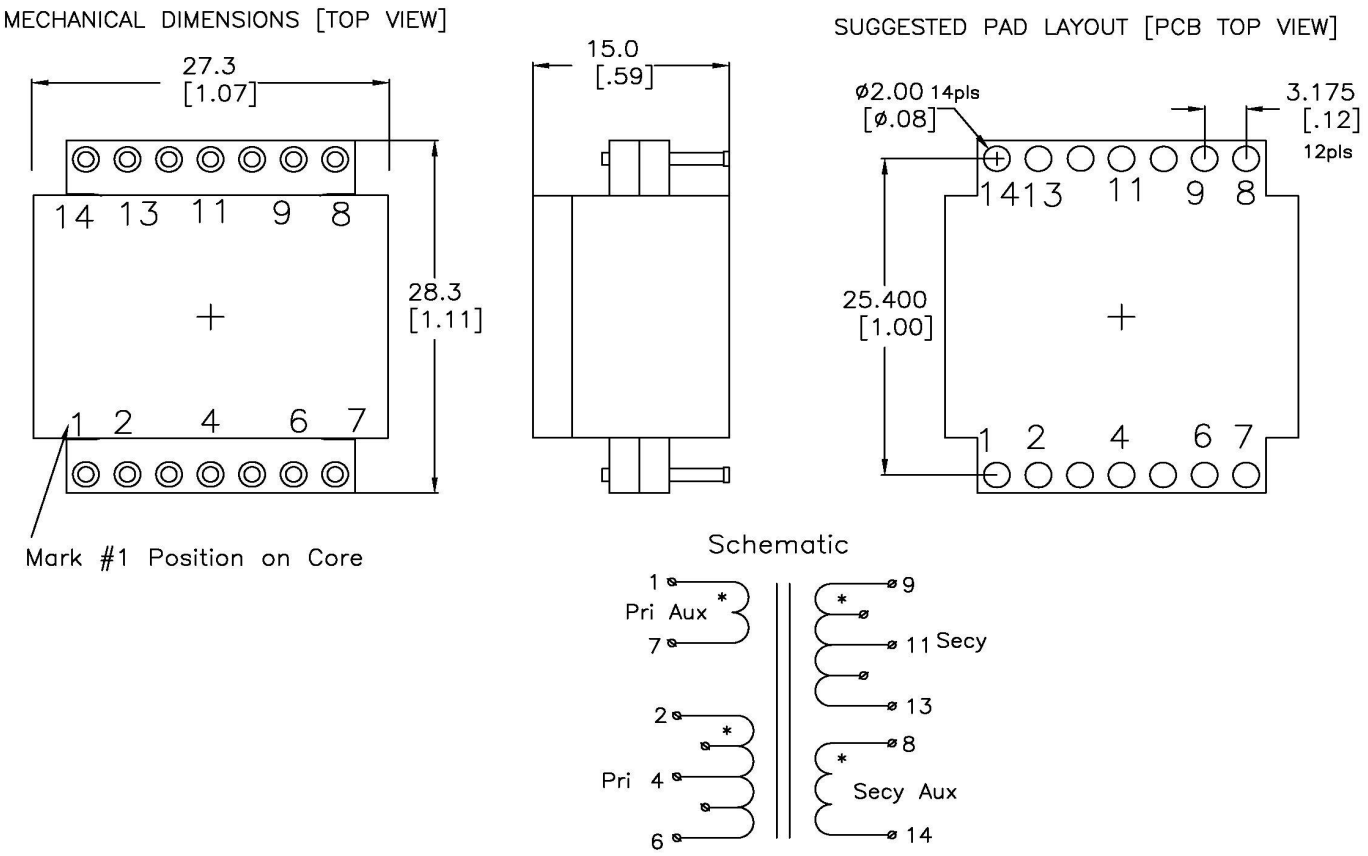
LT3798 Product Page & DC1817B Ref Design:

https://www.analog.com/en/products/lt3798.html

https://www.analog.com/media/en/dsp-documentation/evaluation-kit-manuals/DC1817BFA.PDF



Simulation: P26F6 Series LT3798 Schematic -- 90-265VAC to 24Vout 100W BCM Flyback



Mechanical Design Drawing P26F6 Surface Mount