OPTIONAL COMPONENTS FOR SINGLE OUTPUT, DUAL PHASE OPERATION

- R14, R15, R41, R45
- C14, C16
- R46 10K
- C4
- R47 47uF
- C3
- 2.2K
- C16
- 15K
- TRK/SS2
- TRACK/SS1
- VOUTSENSE+
- VOUTSENSE-
- INTVCC
- PGND
- PGOOD1
- INTVCC
- VIN
- VN
- V8
- C17
- C18
- C19
- R48
- R49
- R50

NOTE: TIE SGND PIN TO PGND PAD UNDERNEATH IC.

1. ALL RESISTORS ARE 0603.
2. INSTALL SHUNTS ON JUMPERS AS SHOWN.
3. TIE DTR1, DTR2 TOGETHER FOR 2-PH SINGLE VOUT CASE.

CUSTOMER NOTICE
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS. HOWEVER, IF COMPLIANCE TO THESE SPECIFICATIONS IS CRITICAL, CONTACT LINEAR TECHNOLOGY FOR ADDITIONAL TESTING.

SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.
SCALE = NONE

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HIGH EFFICIENCY DUAL OUTPUT STEP-DOWN DC-DC CONVERTER

OPTIONAL COUT

LOAD STEP CIRCUIT #1

LOAD STEP CIRCUIT #2

LOAD STEP 10mV/A 5% DUTY CYCLE MAX

LOAD STEP 10mV/A 5% DUTY CYCLE MAX

LOAD STEP CIRCUIT 1801A

DEMO CIRCUIT 1801A

REV.

W: 11/13/11

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