

GND

VEMI

VIN

GND

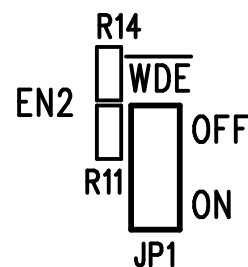
7V-42V

TRANSIENT TO 55V

R10

**LT3641EFE****DUAL MONOLITHIC STEP-DOWN SWITCHING REGULATOR  
WITH POWER-ON RESET AND WATCH DOG TIMER**

SYNC

**DEMO CIRCUIT 1727A**VOUT2  
1.8V@0.8A

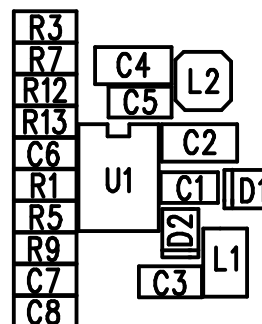
GND

VOUT1  
5V@1A

GND


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**(408) 432-1900**

LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY



GND

R8

R6

R4

R2

 $\overline{\text{RST2}}$  $\overline{\text{RST1}}$  $\overline{\text{WDO}}$  $\overline{\text{PGOOD2}}$ 

LINEAR TECHNOLOGY CORP.

LT3641EFE

DC1727A REV1

DATE: 7-8-11

SILKSCREEN TOP