



www.linear.com
(408)432-1900

LTC3541EDD-

High Efficiency, Low Noise,
Step-Down DC/DC Regulator
Demo Circuit 970A-

LVIN_EXT

● LVIN_EXT
● VOUT1
JP9 ■

GND

VIN
3V-5.5V

GND

VOUT1
 $I_{O1max}=500mA-I_{O2}$

GND

U1

VOUT2
 $I_{O2}=300mA$

VLDO
ENABLE

■ ON
● OFF
JP7

MODE

■ PULSE
● SKIP
■ BURST
JP6

BUCK
ENABLE

■ ON
● OFF
JP5

VOUT1
SELECT

■ R9
● 1.8V
● 2.5V
■ R10
JP8

0.8V

● R1
■ JP1

1.2V

● R2
■ JP2

1.5V

● R3
■ JP3

1.8V

● R4
■ JP4

C1

L1

CIN

CIN1

C2

R8

C3

CLVIN

U1

R5

COUT

LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY

TOP SILKSCREEN