

LT8642S
18V, 10A SYNCHRONOUS
STEP-DOWN SILENT SWITCHER 2
DC2560A

VIN_EMI

E1

C3

E2

GND

J2

C4

J1

VIN
2.8V-18V

E10

VIN SENSE

R1
R6

EN

E11

CLKOUT

E6

GND

E9

SS

E7

SYNC

E5

**ANALOG
DEVICES**

SPREAD-SPECTRUM
BURST
SYNC

FCM
JP1

cm
1

C6 L1 C19 C20
C7 C12 C13 C14
R2 U1 R7 C5 C16 R3

POWER BY
LINEAR™
www.linear.com/8642S
(408) 432-1900

VC

E3

PG

E8

BIAS

E4

R2

VOUT
1.2V/10A

J3

C8

J4

GND

E12

V0 SENSE

E13

GND

TOP SILKSCREEN
LINEAR TECHNOLOGY
DC2560A-3, LT8642SEV

DATE:3-12-18