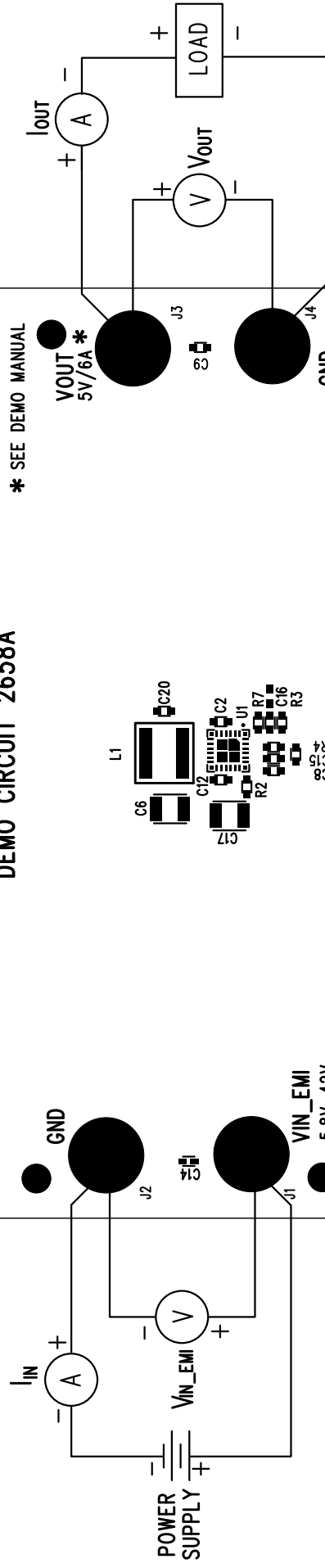


LT8643S **42V, 6A SYNCHRONOUS** **STEP-DOWN SILENT SWITCHER 2** **DEMO CIRCUIT 2658A**

* SEE DEMO MANUAL



LINEAR
TECHNOLOGY
 (408) 432-1900
www.linear.com/8643S

CLKOUT GND TR/SS SYNC

PG

VC

VOUT/6A *

J3

J4

GND

R5

EN

VIN

VIN_EMI

GND

J2

R1

R2

R3

R4

R5

R6

R7

C1

C2

C3

C4

C5

C6

C7

C8

C9

C10

C11

C12

C13

C14

C15

C16

C17

C18

C19

C20

L1

L2

U1

U2

U3

U4

U5

U6

U7

U8

U9

U10

U11

U12

U13

U14

U15

U16

U17

U18

U19

U20

U21

U22

U23

U24

U25

U26

U27

U28

U29

U30

U31

U32