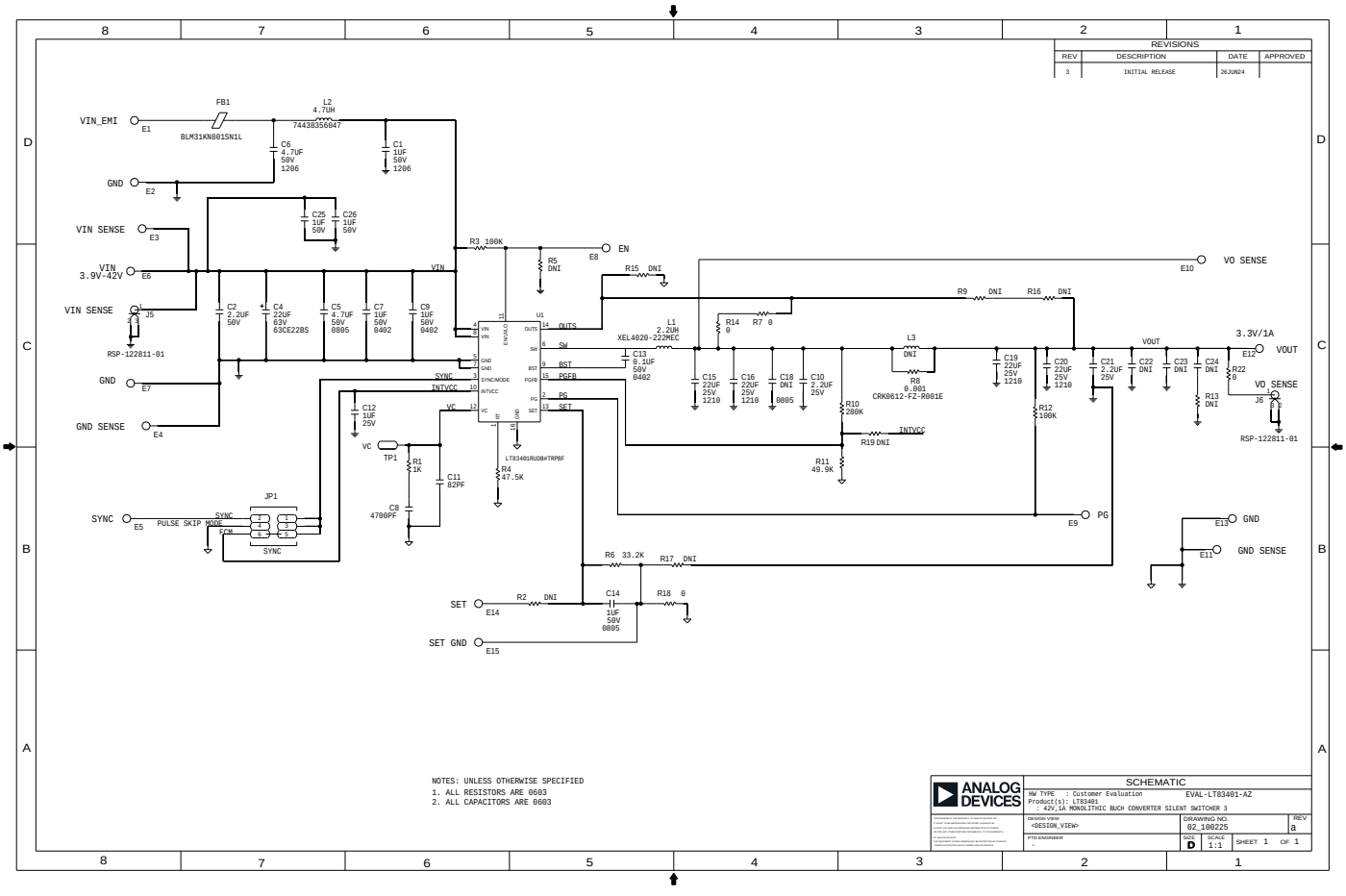
REVISIONS
REV | DESCRIPTION | DATE | APPROVED
3 | INITIAL RELEASE | 26JUN24
VIN_EMI
FB1
BLM31KN801SN1L
L2
4.7UH
74438356047
C6
4.7UF
50V
1206
C1
1UF
50V
1206
GND
VIN SENSE
VIN
3.9V-42V
C25
1UF
50V
C26
1UF
50V
R3 100K
EN
R5
DNI
R15 DNI
VO SENSE
R9 DNI
R16 DNI
C2
2.2UF
50V
C4
22UF
63V
63CE22BS
C5
4.7UF
50V
0805
C7
1UF
50V
0402
C9
1UF
50V
0402
J5
RSP-122811-01
U1
LT8340
OUTS
SW
BST
PGFB
PG
SET
C13
0.1UF
50V
0402
L1
2.2UH
XEL4020-222MEC
R14
0
R7 0
L3
DNI
R8
0.001
CRK0612-FZ-R001E
C19
22UF
25V
1210
C20
22UF
25V
1210
C21
2.2UF
25V
C22
DNI
C23
DNI
C24
DNI
R22
0
R13
DNI
VOUT
3.3V/1A
C15
22UF
25V
1210
C16
22UF
25V
1210
C18
DNI
C10
2.2UF
25V
R10
280K
R19 DNI
R11
49.9K
R12
100K
SYNC
INTVCC
VC
C12
1UF
25V
TP1
R1
1K
C11
82PF
C8
4700PF
R4
47.5K
LT8340IRUDB#TRPBF
JP1
PULSE SKIP MODE
FCM
R6 33.2K
R17 DNI
R2 DNI
C14
1UF
50V
0805
R18 0
SET
SET GND
PG
GND
GND SENSE
NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTORS ARE 0603
2. ALL CAPACITORS ARE 0603
ANALOG DEVICES
SCHEMATIC
HW TYPE : Customer Evaluation
Product(s): LT8340
: 42V,1A MONOLITHIC BUCH CONVERTER SILENT SWITCHER 3
EVAL-LT8340-AZ
DESIGN VIEW
<DESIGN_VIEW>
DRAWING NO.
02_100225
REV
a
PTO ENGINEER
SIZE
D
SCALE
1:1
SHEET 1 OF 1