NOTES (UNLESS OTHERWISE SPECIFIED):
1. ALL SMD CAPACITORS ARE 16V.
2. ALL SMD CAPACITORS AND RESISTORS ARE 0603.
3. CUT TRACES TO DISCONNECT EXTVC C FROM VOUT AND SUPPLY EXTVC C THROUGH TP20.
CUSTOMER NOTICE
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

TITLE: SCHEMATIC
80V / 48V Synchronous Buck-Boost Controller

SIZE
N/A

IC NO.
LT8705EUHF

REV.
2

DATE: Friday, July 11, 2014

DEMO CIRCUIT 1924A

SCALE = NONE

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