NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE 0603.
   ALL CAPACITORS ARE 0603.

* WHEN VIN < 5.75V, SHORT INTVCC TO VIN WITH R7=0 Ohm.
U4
LTM4630EV

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 REASONABLE FUNCTIONALITY, QUALITY, PERFORMANCE, RELIABILITY, AND SAFETY OF ANY SYSTEM TO WHICH IT IS APPLIED. ITS USE OR SALE CONSTITUTES ACCEPTANCE OF THAT RESPONSIBILITY.  CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.

APPROVALS

PCB DES.

HZ

IC NO. REV.

B LTM4676AEY / LTM4630EV

SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS. SCALE = NONE

DATE:

Thursday, January 15, 2015

DEMO CIRCUIT 2106B-B

TITLE:

SCHEMATIC

APP ENG.

JIAN L.

HIGH EFFICIENCY, POLY-PHASE, DC/DC STEP-DOWN µMODULE REGULATOR WITH POWER SYSTEM MANAGEMENT

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

SCALE = HOME

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Milpitas, CA 95035

Milpitas, CA 95035

Milpitas, CA 95035
ALL PARTS ON THIS PAGE ARE FOR DEMO ONLY, NOT NEEDED IN CUSTOMER DESIGN

OPTIONAL CIRCUIT FOR PROGRAMMING WITHOUT VIN

PMB STACKING CONNECTORS:
J1, MALE, COX3 HEADER 14POS SRA GOLD, Molex Connector Corp. 87760-1418
J2, FEMALE, COX3 RECEPT 2MM DUAL SRA 14POS, Sullins Conn. NSPH72PF-2M-BC

CUSTOMER NOTICE
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APPROVALS

ABERFELD
APK
BPE
CPE

tx Technology

This circuit is proprietary to Linear Technology and is supplied for use with Linear Technology parts.

Sheet 5 of 4

Scale = Home

Device: Thursday, January 15, 2015

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