



**48VIN TO 5V@3A, 3.3V@5A, AND 11.8V@0.5A ISOLATED SUPPLY
HIGH POWER PD
(NON COMPLIANT TO IEEE802.3AF IF PD POWER EXCEEDS 12.95W)**

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0603. ALL CAPACITORS ARE 0603.
2. INSTALL SHUNTS ON JP1-JP3 PIN 1 AND 2.
3. REMOVE R14, R18, AND Q5, AND SHORT D15 IN DESIGN IF AUXILIARY SUPPLY IS NOT USED.

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.

CONTRACT NO.

APPROVALS

DRAWN: KIM T.

CHECKED:

APPROVED:

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DESIGNER:



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TITLE: SCHEMATIC

TRIPLE OUTPUT, HIGH POWER, HIGH EFFICIENCY POE PD

SIZE DWG NO. DC1049A-2 * LTC4264CDE/LT3825EFE REV A-2

DATE: Thursday, May 17, 2007

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