

4. SMALLER AMOUNT OF COUT CAN BE USED FOR APPLICATIONS THAT CAN TOLERATE HIGHER OUPUT RIPPLE. REFER TO THE DATA SHEET FOR APPLICATIONS INFORMATION.

NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE 0603.
ALL CAPACITORS ARE 0603.
2. FOR 5V OUTPUT, VIN RANGE IS 6V-140V.

[3]


VOUT	JP1	JP2
1.8V	B	B
3.3V	A	B
5.0V	B	A
EXT. R	A	A

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	
PCB DES.	
APP ENG.	
SCALE = NONE	



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TITLE: SCHEMATIC

**HIGH EFFICIENCY, HIGH VIN, 400mA
STEP-DOWN REGULATOR**

SIZE N/A	IC NO. LTC7138EMSE	REV. 2
DATE: Tuesday, January 06, 2015		SHEET 1 OF 1