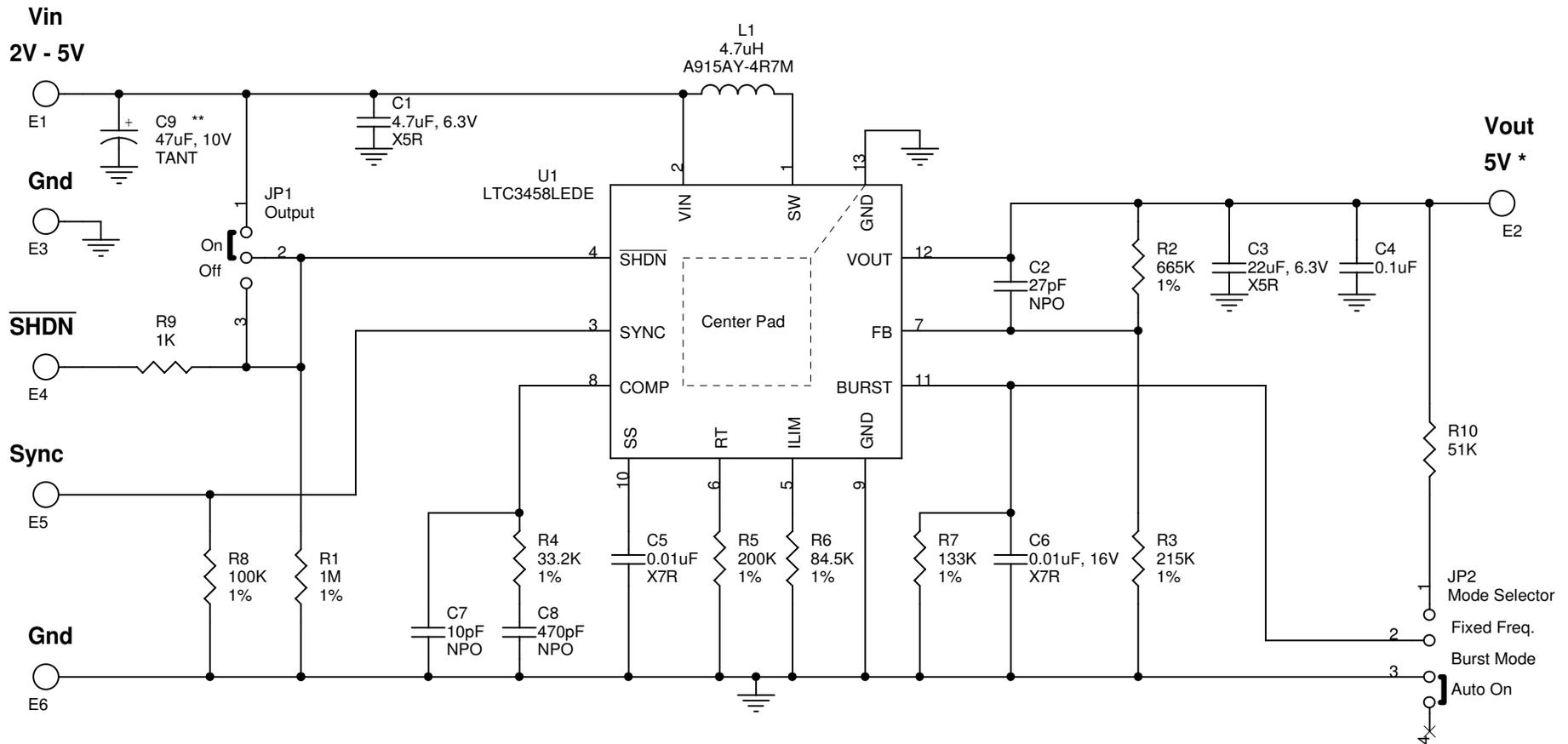


NOTES: UNLESS OTHERWISE SPECIFIED



\*\* C9 Used Only When Operating Supply With Long Inductive Input Leads.

\*

Vin	Iout at 5V
2V	300mA
2.7V	450mA
3.3V	650mA
4.2V	900mA

LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY

### 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.

## LINEAR TECHNOLOGY CORPORATION

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Title  
**1MHz Synchronous Step-Up DC/DC Converter**

Size	Document Number <b>Demo Circuit 878A</b>	Rev <b>LTC3458LEDE</b>
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