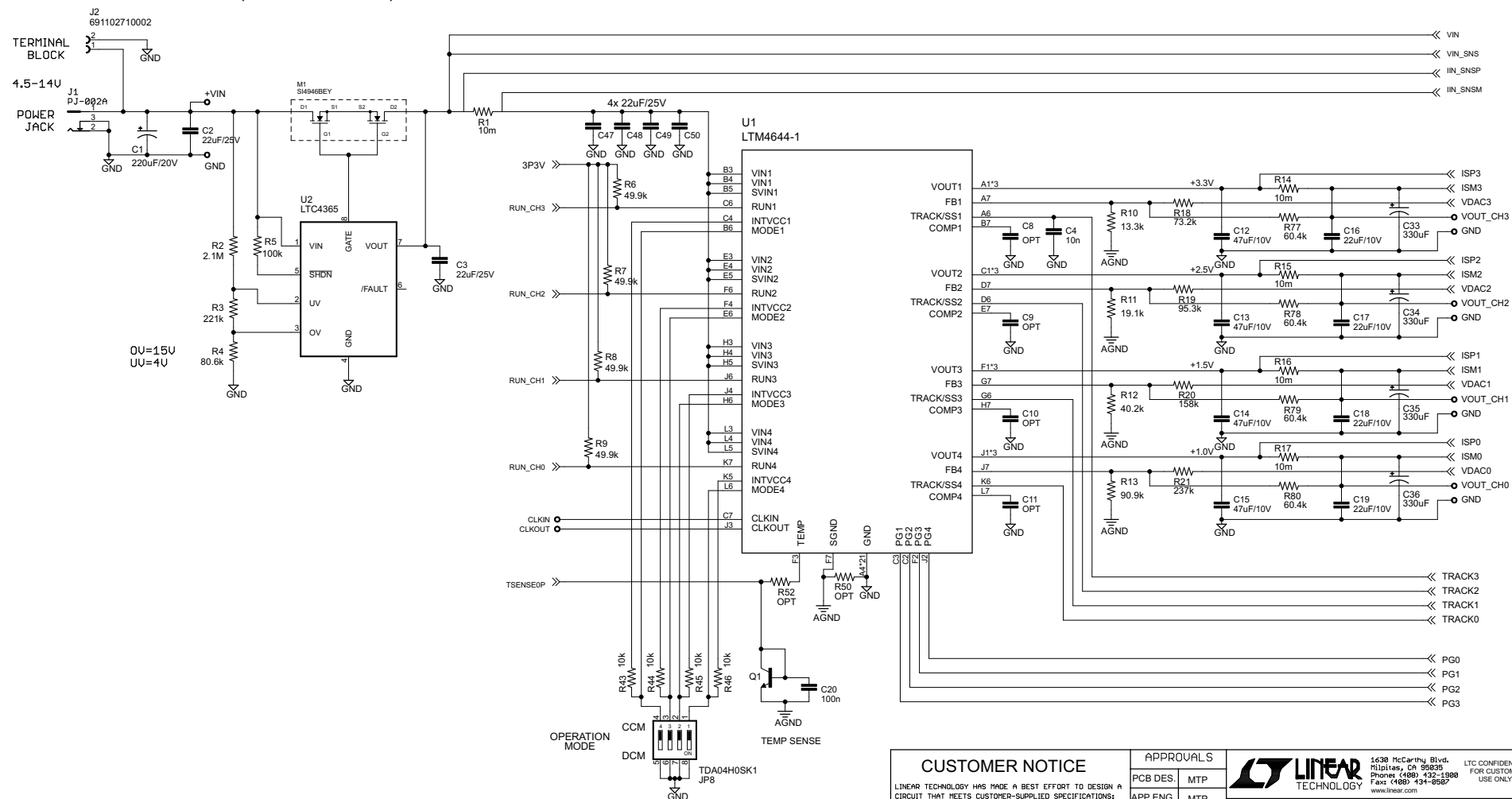



REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE
-	1b	Production	M Peters 11-28-16

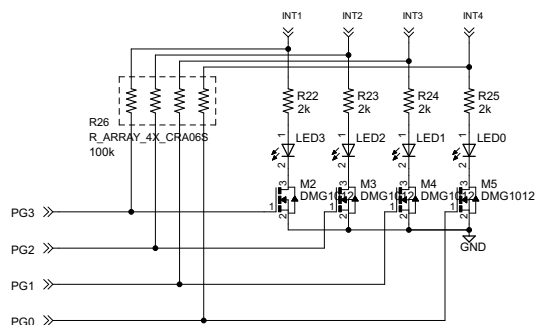
## Input Protection (OV/UV/Reverse)

## Quad 4A DC/DC Converter

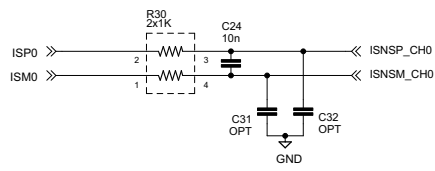
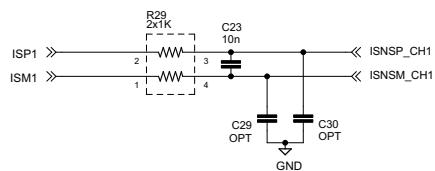
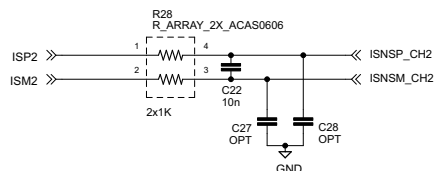
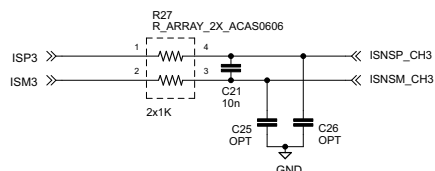


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		APP ENG.	MTP	TITLE: LTM4644-1 Quad 4A Supply with 50-pin Connector to Power System Manager		
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.				SIZE B IC NO. LTM4644-1 Demo Circuit 2363A	REV: 1b	
		SCALE = NONE	DATE: 11/29/2016 11:03:14 AM	SHEET: 1/3		

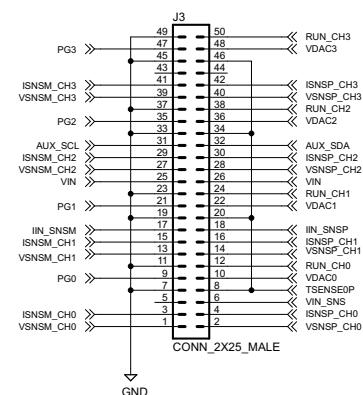
## LED Indication



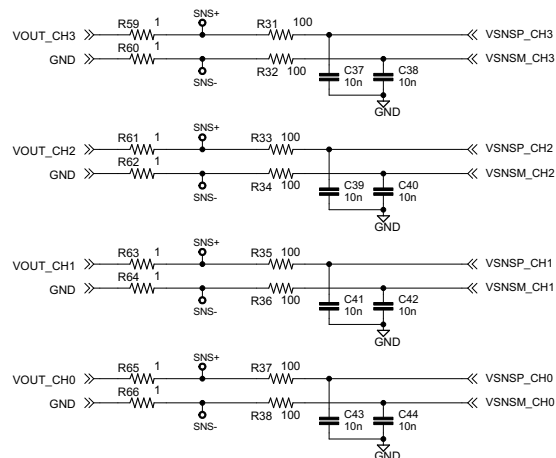
## Current Sense Filtering



## Board-to-Board Connector

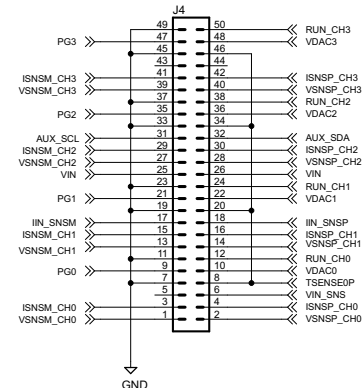


## Voltage Sense Filtering



NOTE: REMOVE R59-R66 FOR REMOTE SENSING

## Test Points/ Optional Header



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APP ENG.	MTF



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TITLE: LTM4644-1 Quad 4A Supply  
with 50-pin Connector to Power System Manager

SIZE <b>B</b>	IC NO. LTM4644-1 Demo Circuit 2363A	REV: <b>1b</b>
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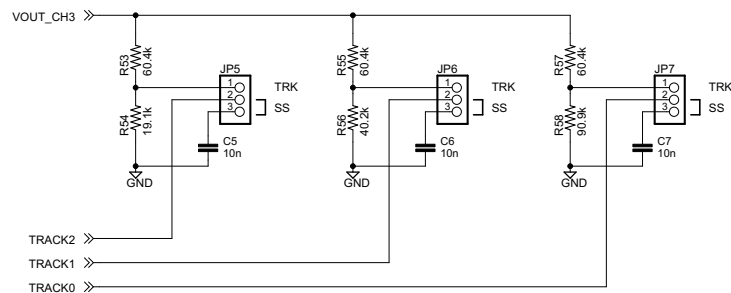
SCALE = NONE

DATE: 11/29/2016 11:03:14 AM

SHEET: 2/3

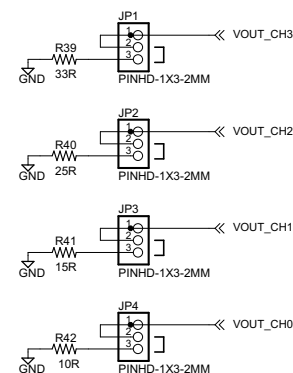
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1b	Production	M. Peters	11-28-16

## Tracking/SoftStart Jumpers



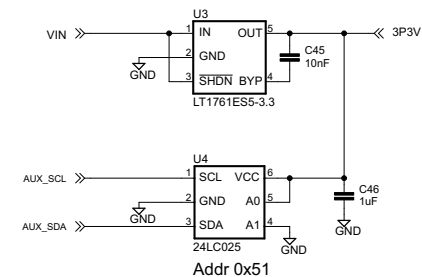
By default, jumpers set to SoftStart

## Pre-Load Jumpers



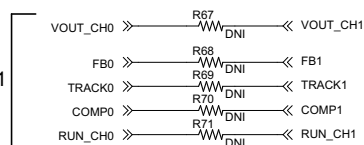
By default, jumpers set to pre-load ON

## +3.3V LDO and Identity EEPROM

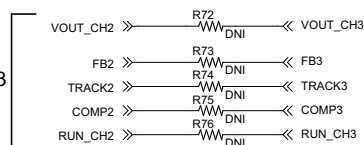


## Optional Jumpers for Parallel Operation

Parallel CH0 and CH1



Parallel CH2 and CH3



R67 thru R76 are 0 ohm

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APP ENG. MTP



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with 50-pin Connector to Power System Manager

SIZE B IC NO. LTM4644-1  
Demo Circuit 2363A REV: 1b

SCALE = NONE

DATE: 11/29/2016 11:03:14 AM SHEET: 3/3