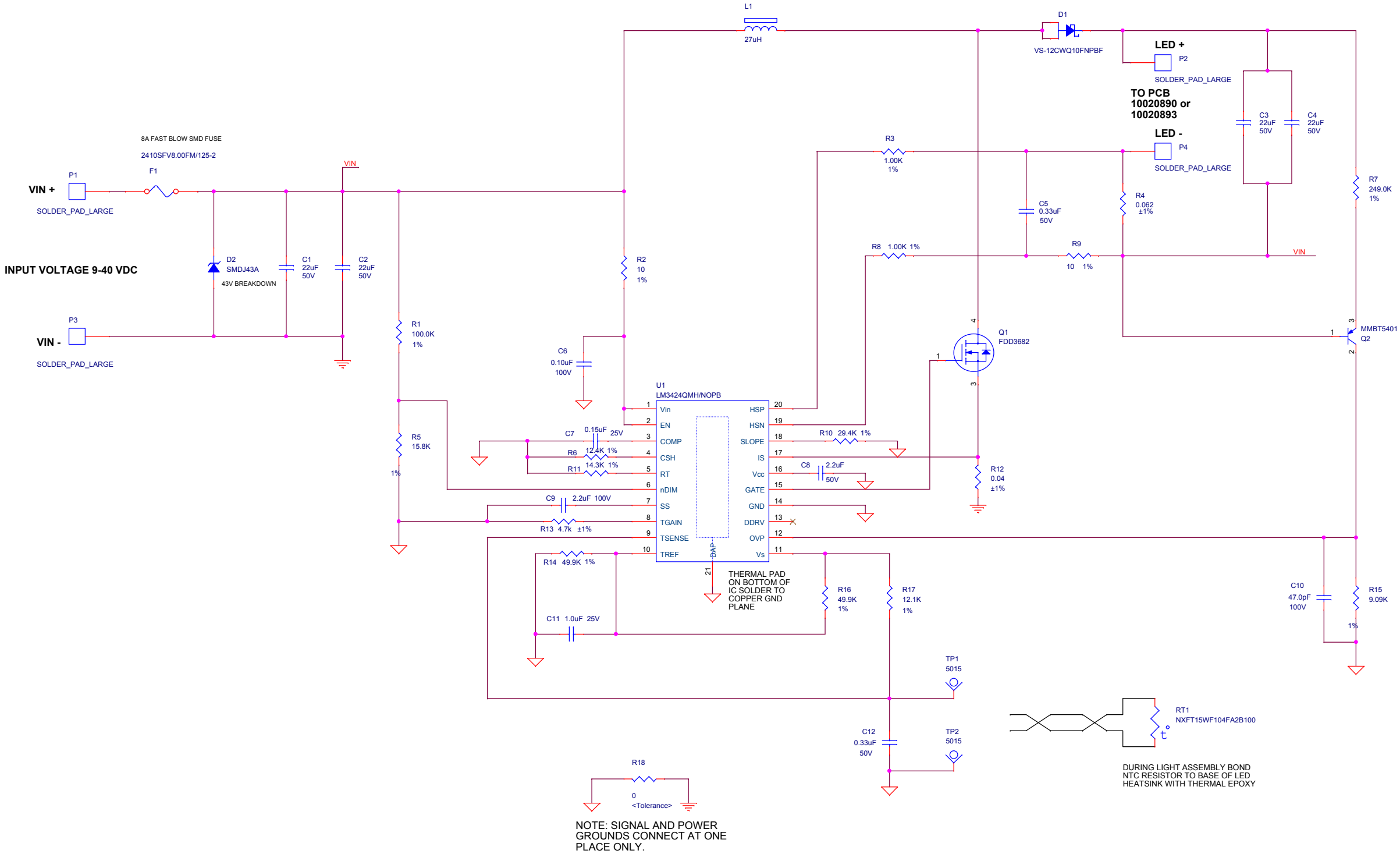




NOTE: SIGNAL AND POWER
GROUNDS CONNECT AT ONE
PLACE ONLY.

COMPONENT STUFFING GUIDE FOR
DRIVING LED PRINTED CIRCUIT BOARDS

	5 LED PCB PN 10020893A	9 LED PCB PN 10020893B
	LABEL PCB 'A'	LABEL PCB 'B'
INPUT VOLTAGE RANGE	9 - 40 VDC	15 - 40 VDC
R5	15.8k	9.76k
R10	29.4k	16.2k

NOTE: THIS SCHEMATIC CONTAINS THE COMPONENT VALUES
FOR THE 'A' CONFIGURATION.

REV. A - 15OCT12 - INITIAL RELEASE.
REV. B - 25OCT12 - REVISED L1 AND MISC COMPONENT VALUES.
REV. C - 13NOV12 - FIXED Q2, CHANGED RT1 PN FOR 100MM LEADS.
REV. D - 16NOV12 - ADDED INPUT PROTECTION.

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M B A R I

Title

LED DRIVER CIRCUIT DESIGN

Size	Engineer: Mark Chaffey EMAIL: chma@mbari.org (831) 775-1708	Number	10020893ASCH-1-D	Rev	D
C	Date: Friday, November 16, 2012	Filename	<Filename>	Sheet	1 of 5