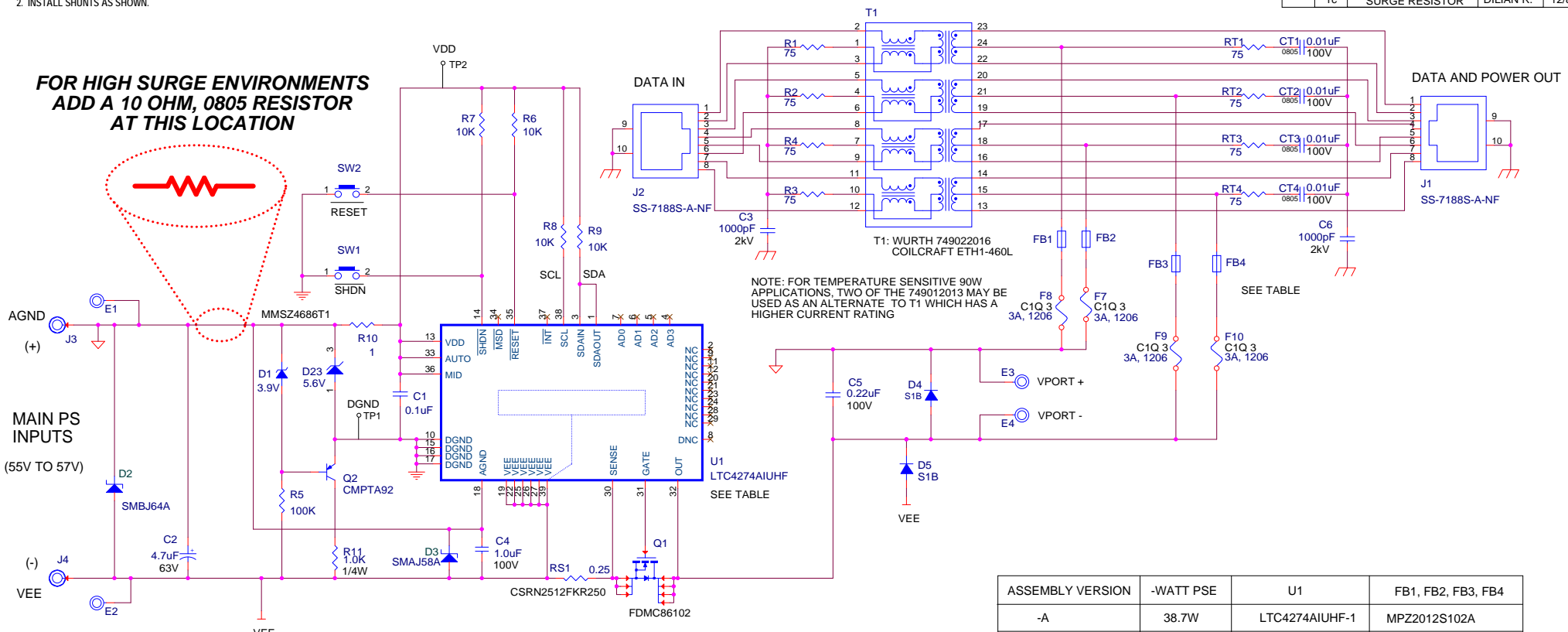


NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0603.  
ALL CAPACITORS ARE IN MICROFARADS, 0603.
2. INSTALL SHUNTS AS SHOWN.

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	DILIAN R.	4/29/11
-	1a	POWER LEVEL UPDATE	DILIAN R.	9/26/11
-	1b	T1 OPTION	DILIAN R.	3/28/13
	1c	SURGE RESISTOR	DILIAN R.	12/8/15

**FOR HIGH SURGE ENVIRONMENTS  
ADD A 10 OHM, 0805 RESISTOR  
AT THIS LOCATION**



NOTE: FOR TEMPERATURE SENSITIVE 90W APPLICATIONS, TWO OF THE 749012013 MAY BE USED AS AN ALTERNATE TO T1 WHICH HAS A HIGHER CURRENT RATING

ASSEMBLY VERSION	-WATT PSE	U1	FB1, FB2, FB3, FB4
-A	38.7W	LTC4274AIUHF-1	MPZ2012S102A
-B	52.7W	LTC4274AIUHF-2	MPZ2012S102A
-C	70W	LTC4274AIUHF-3	MPZ2012S102A
-D	90W	LTC4274AIUHF-4	FBMH4532HM132-T

<p><b>CUSTOMER NOTICE</b></p> <p>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.</p>	<p><b>APPROVALS</b></p>		<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>	
	PCB DES.	JK		<p>TITLE: SCHEMATIC</p> <p><b>SINGLE PORT LTPoE++ PSE CONTROLLER</b></p>
	APP ENG.	DILIAN R.		
	SIZE	N/A		
<p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		<p>SCALE = NONE</p>	<p>DATE: Tuesday, December 08, 2015</p>	<p>REV. 1</p>