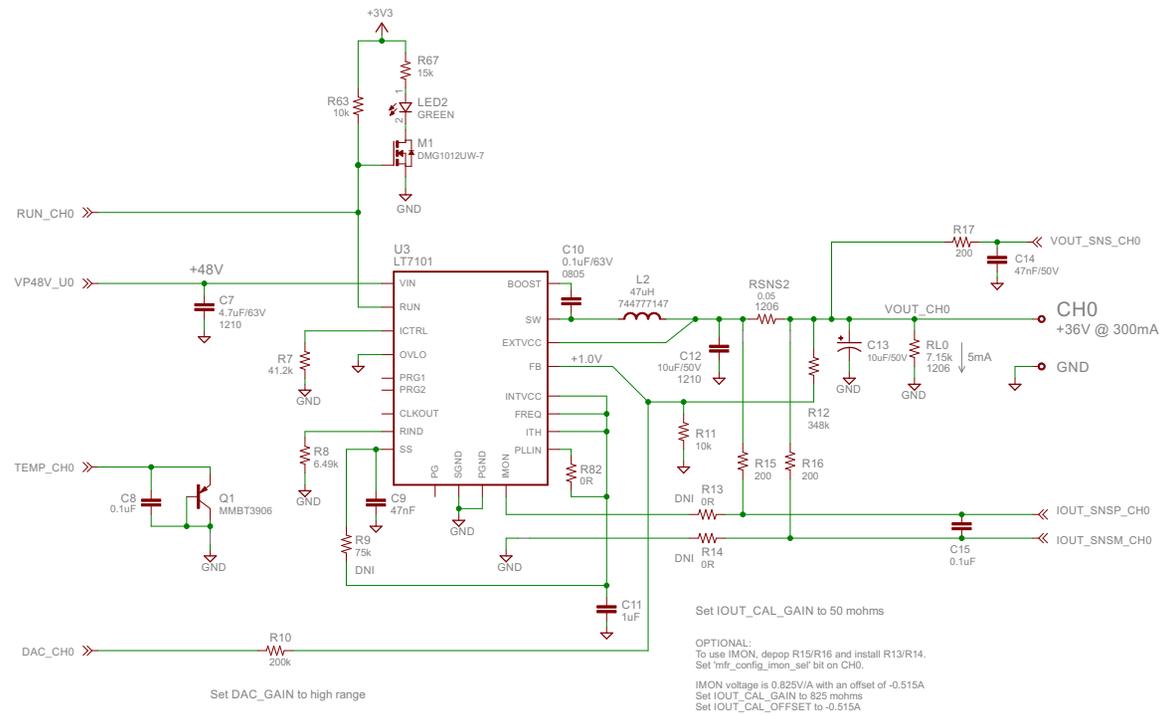


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PROTOTYPE	MIKE P.	9-5-2019

LT7101 POWER STAGE, VOUT= +36V



UNLESS OTHERWISE SPECIFIED:

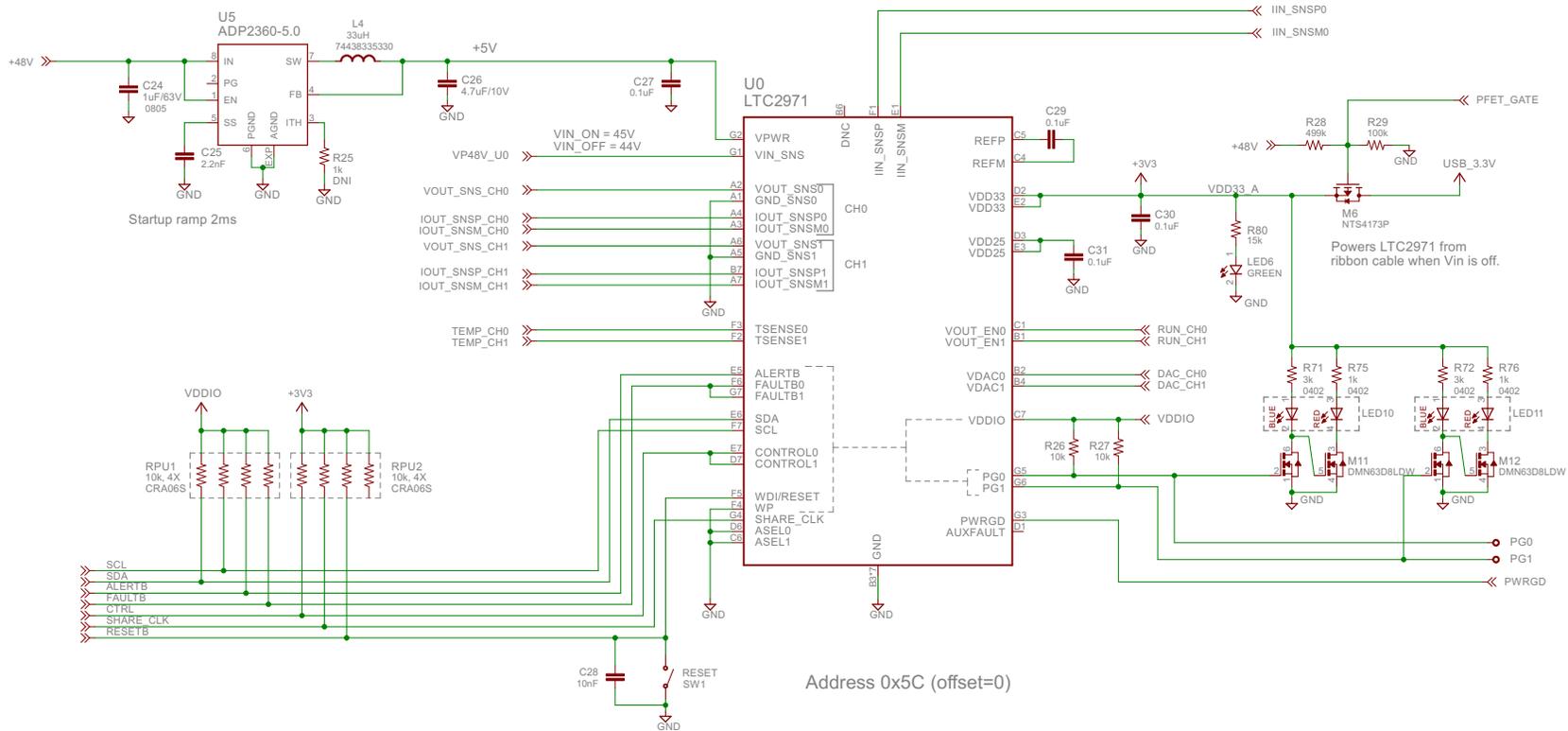
1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 25V 0603.

CUSTOMER NOTICE		APPROVALS		ANALOG DEVICES		POWER BY LINEAR		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408) 422-1900 www.analog.com	
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.		PCB DES.	MIKE P.	TITLE: LTC2971 DUAL-CHANNEL 60V POWER SYSTEM MANAGER		SIZE	IC NO. LTC2971	REV:	1
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	MIKE P.	SCALE = NONE		B	DEMO CIRCUIT 2875A	DATE:	SHEET: 3/9

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PROTOTYPE	MIKE P.	9-5-2019

LTC2971 2-CHANNEL +/- 60V POWER SYSTEM MANAGER

ADP2360 Step-Down +48V to +5V
to power the LTC2971 devices



UNLESS OTHERWISE SPECIFIED:

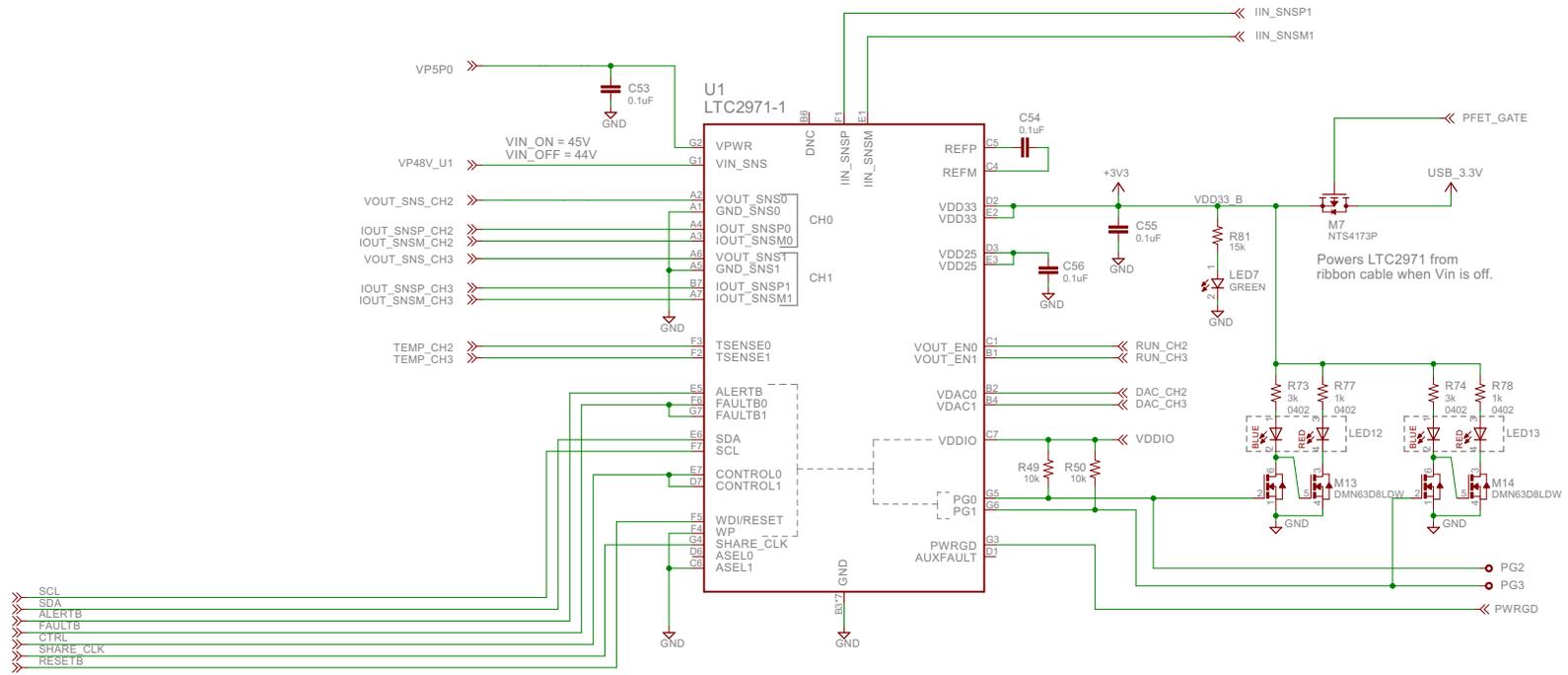
1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 25V 0603.

CUSTOMER NOTICE		APPROVALS	
<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>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		PCB DES. MIKE P.	
		APP ENG. MIKE P.	
<p>TITLE: LTC2971 DUAL-CHANNEL 60V POWER SYSTEM MANAGER</p>		<p>1630 McCarthy Blvd. Folsom, CA 95630 Phone: (480) 422-1900 www.analog.com</p>	
SIZE B	IC NO. LTC2971	REU: 1	
		SCALE = NONE	SHEET: 5/9

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PROTOTYPE	MIKE P.	9-5-2019

LTC2971-1

2-CHANNEL +/- 60V POWER SYSTEM MANAGER



Address 0x5D (offset=1)

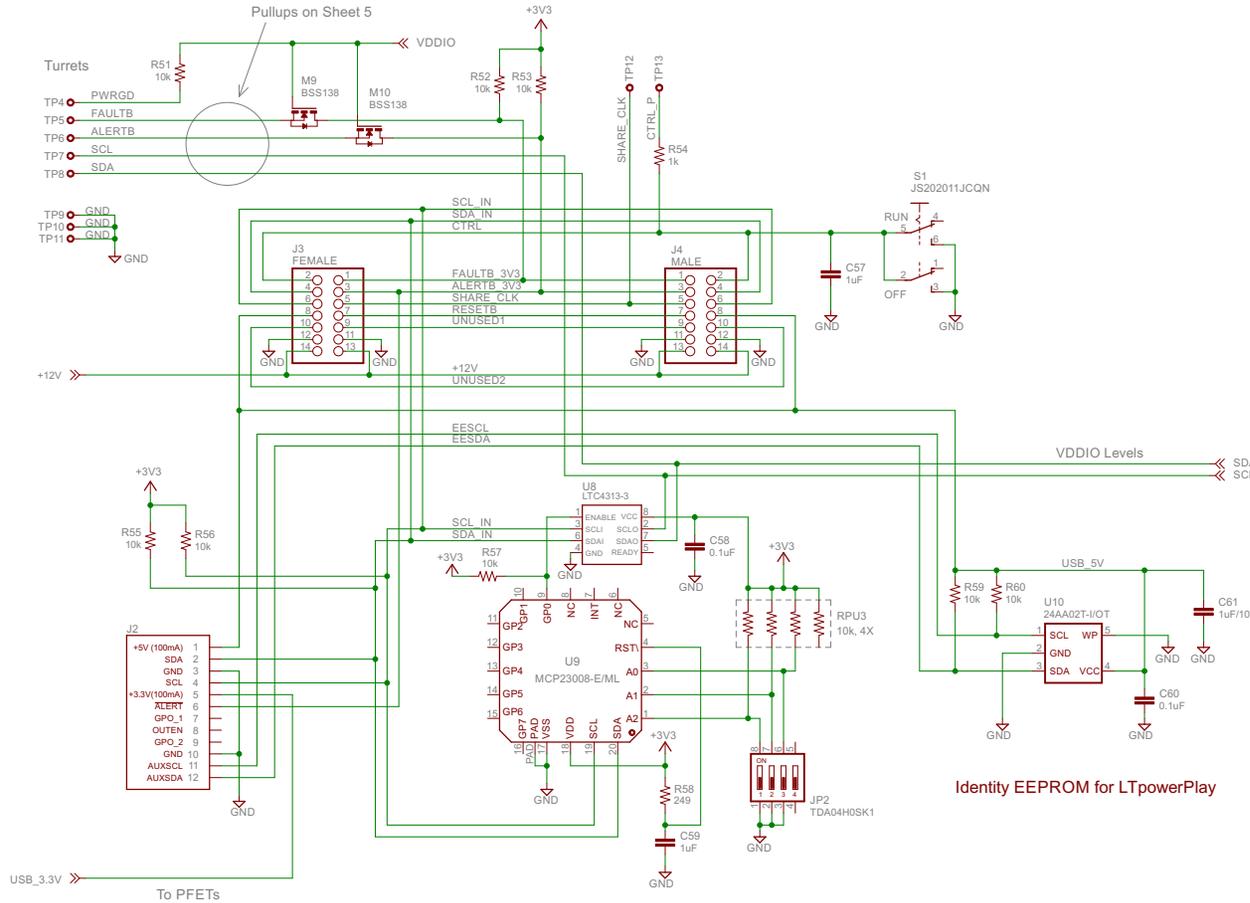
UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 25V 0603.

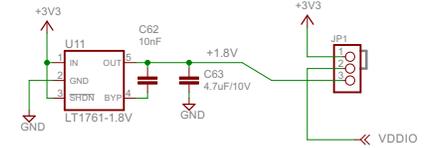
CUSTOMER NOTICE		APPROVALS	
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.		PCB DES. MIKE P.	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG. MIKE P.	
TITLE: LTC2971 DUAL-CHANNEL 60V POWER SYSTEM MANAGER		SIZE IC NO. LTC2971	
REVISION: 1		DEMO CIRCUIT 2875A	
SCALE = NONE		DATE:	
SHEET: 8/9		SHEET: 8/9	

1630 McCarthy Blvd.
Folsom, CA 95630
Phone: (916) 422-1900
www.analog.com

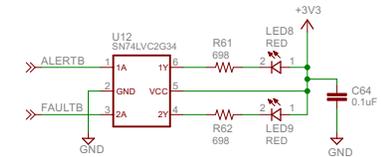
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PROTOTYPE	MIKE P.	9-5-2019



VDDIO Strapping



ALERTB and FAULTB Indicators



Identity EEPROM for LTPowerPlay

UNLESS OTHERWISE SPECIFIED:
 1. ALL RESISTORS ARE 1% 0603.
 2. ALL CAPACITORS ARE 25V 0603.

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.	MIKE P.
APP ENG.	MIKE P.
SCALE	NONE

		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408) 422-1300 www.analog.com	
TITLE: LTC2971 DUAL-CHANNEL 60V POWER SYSTEM MANAGER			
SIZE	IC NO.	LTC2971	REV: 1
B	DEMO CIRCUIT 2875A		
DATE:			SHEET: 9/9