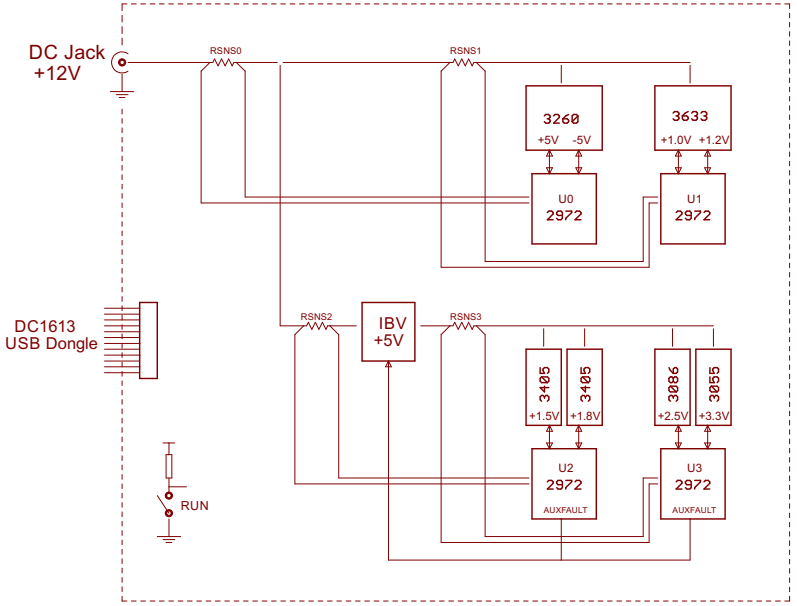
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

BLOCK DIAGRAM



CH0: +5V LTC3260
CH1: -5V LTC3260
CH2: +1.0V LTC3633
CH3: +1.2V LTC3633

CH4: +1.5V LTC3405A
CH5: +1.8V LTC3405A
CH6: +2.5V LT3086
CH7: +3.3V LT3055

CUSTOMER NOTICE

LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMERS 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

APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

ANALOG DEVICES
POWER BY LINEAR
1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408) 432-1900
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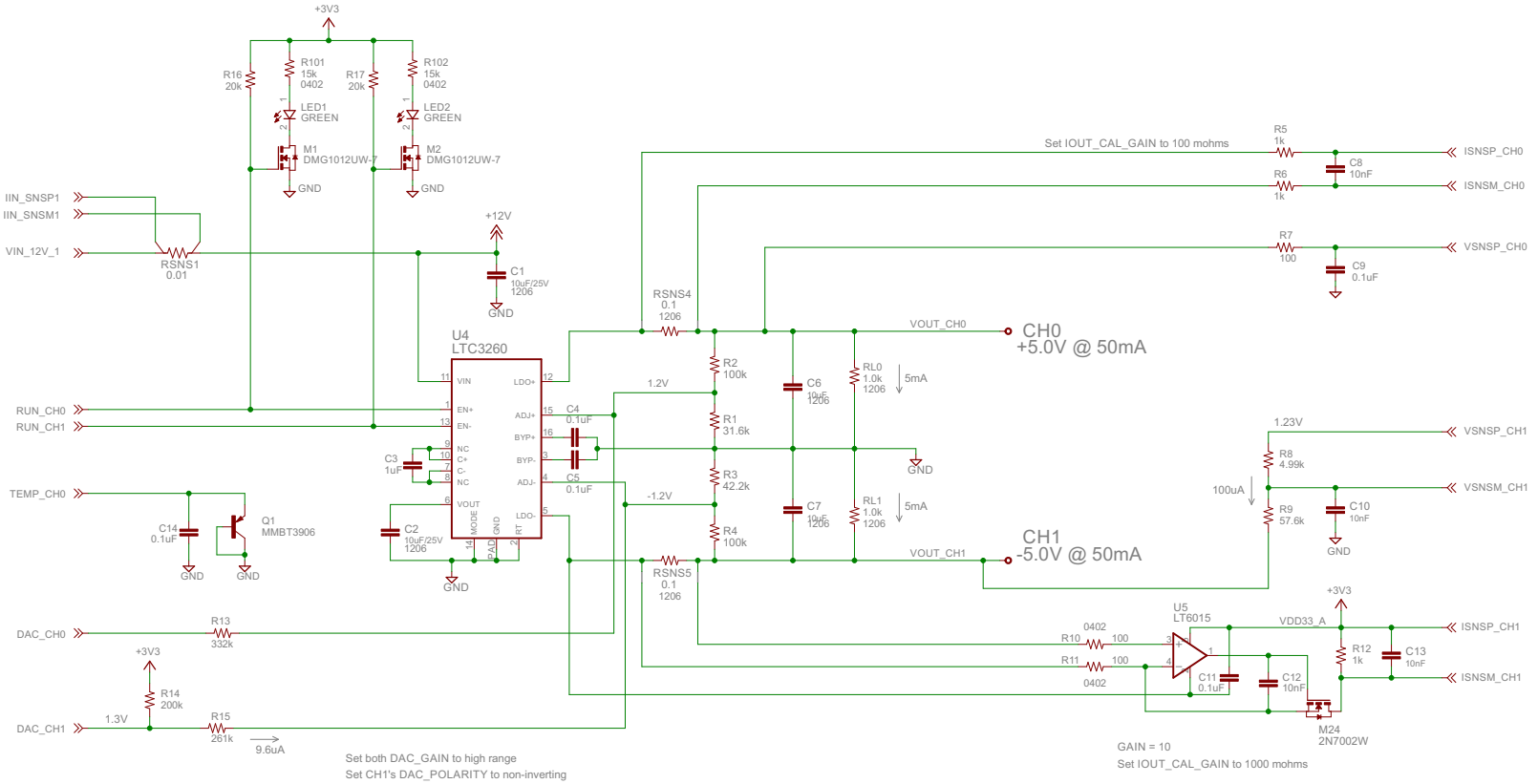
TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC3260 CH0 and CH1 POWER STAGES, VOUT= +/-5V



NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.

CUSTOMER NOTICE

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

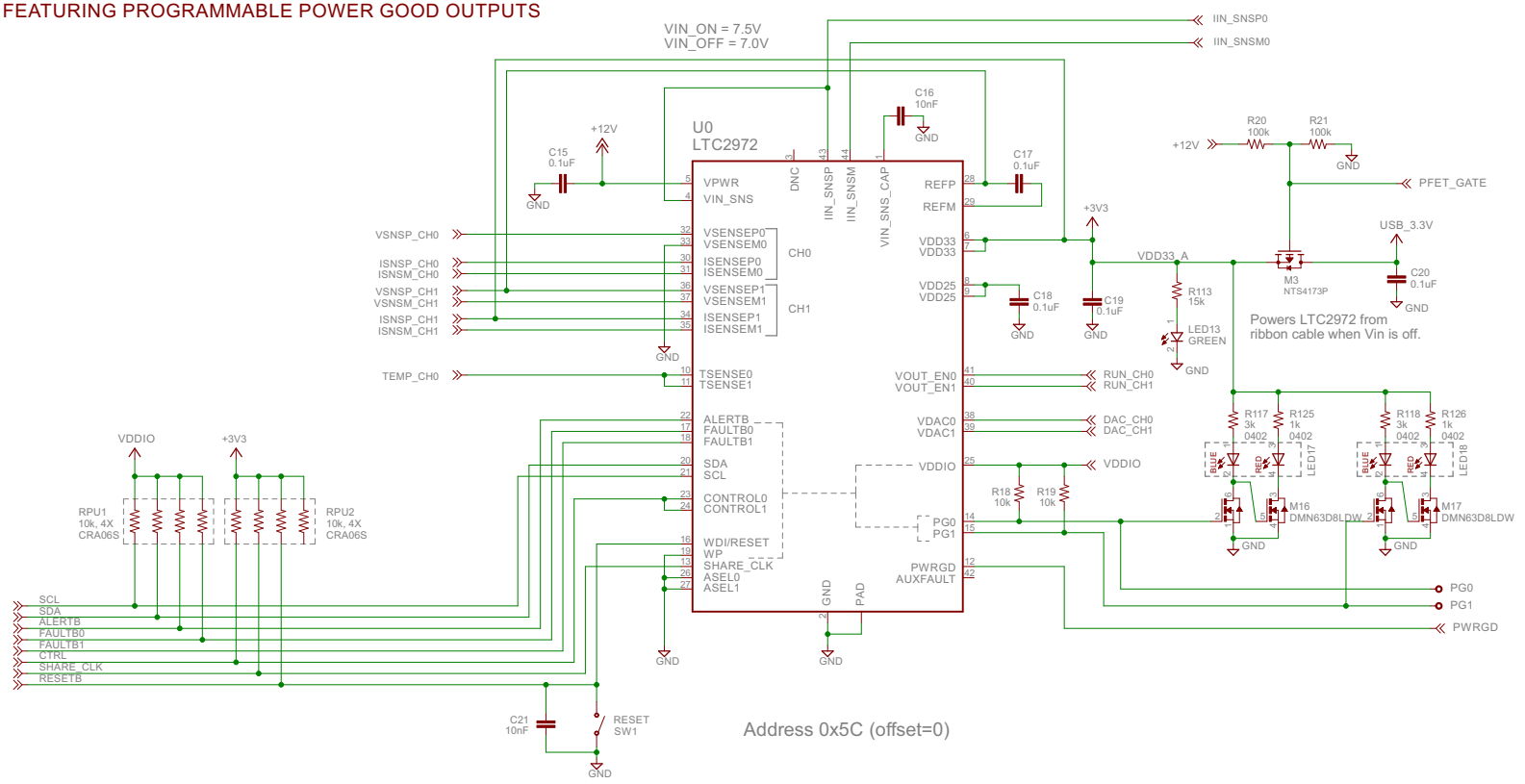
DATE: 7/2/2018 5:36:17 PM

SHEET: 2/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC2972

2-CHANNEL POWER SYSTEM MANAGER
FEATURING PROGRAMMABLE POWER GOOD OUTPUTS



NOTES: UNLESS OTHERWISE SPECIFIED:

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2. ALL CAPACITORS ARE 16V 0603.

CUSTOMER NOTICE

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.
SCALE = NONE	

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

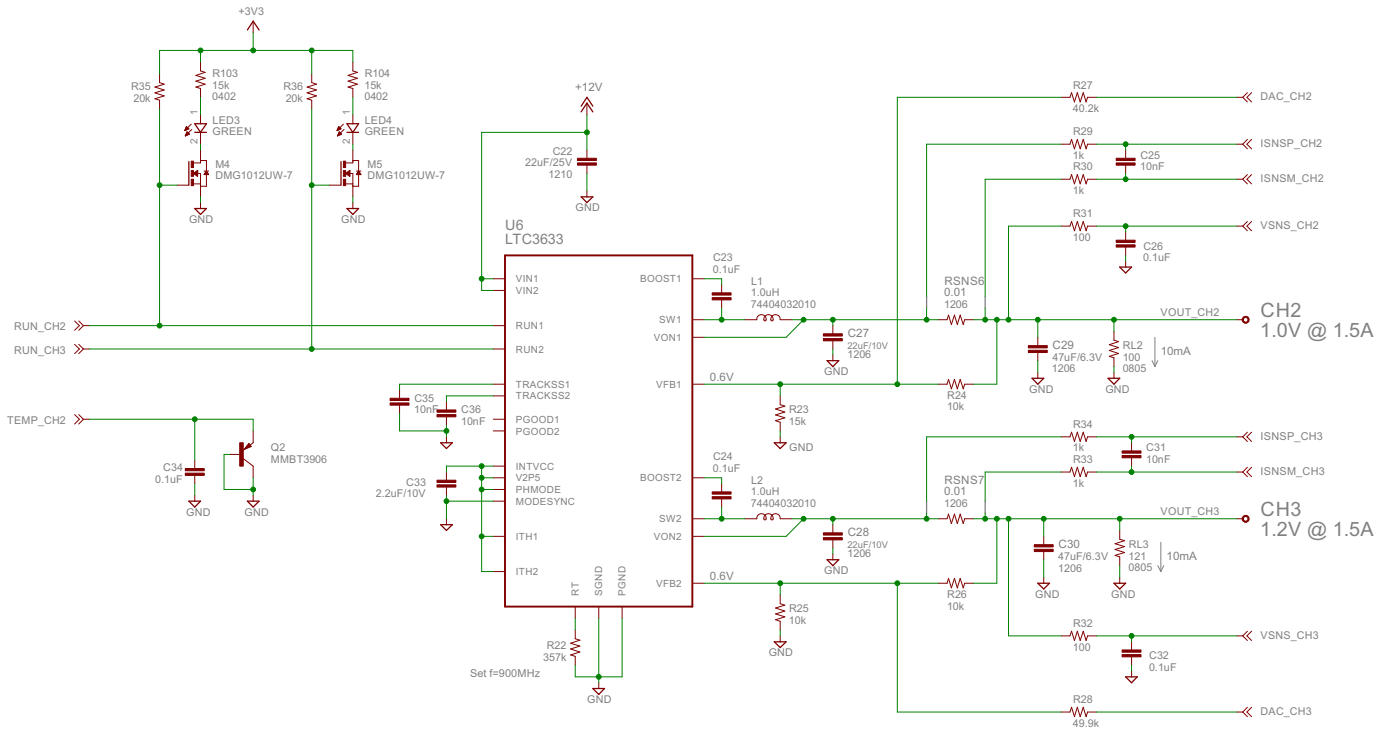
SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

SHEET: 3/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC3633 CH2 and CH3 POWER STAGES, VOUT=1.0V, 1.2V



NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.

CUSTOMER NOTICE

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

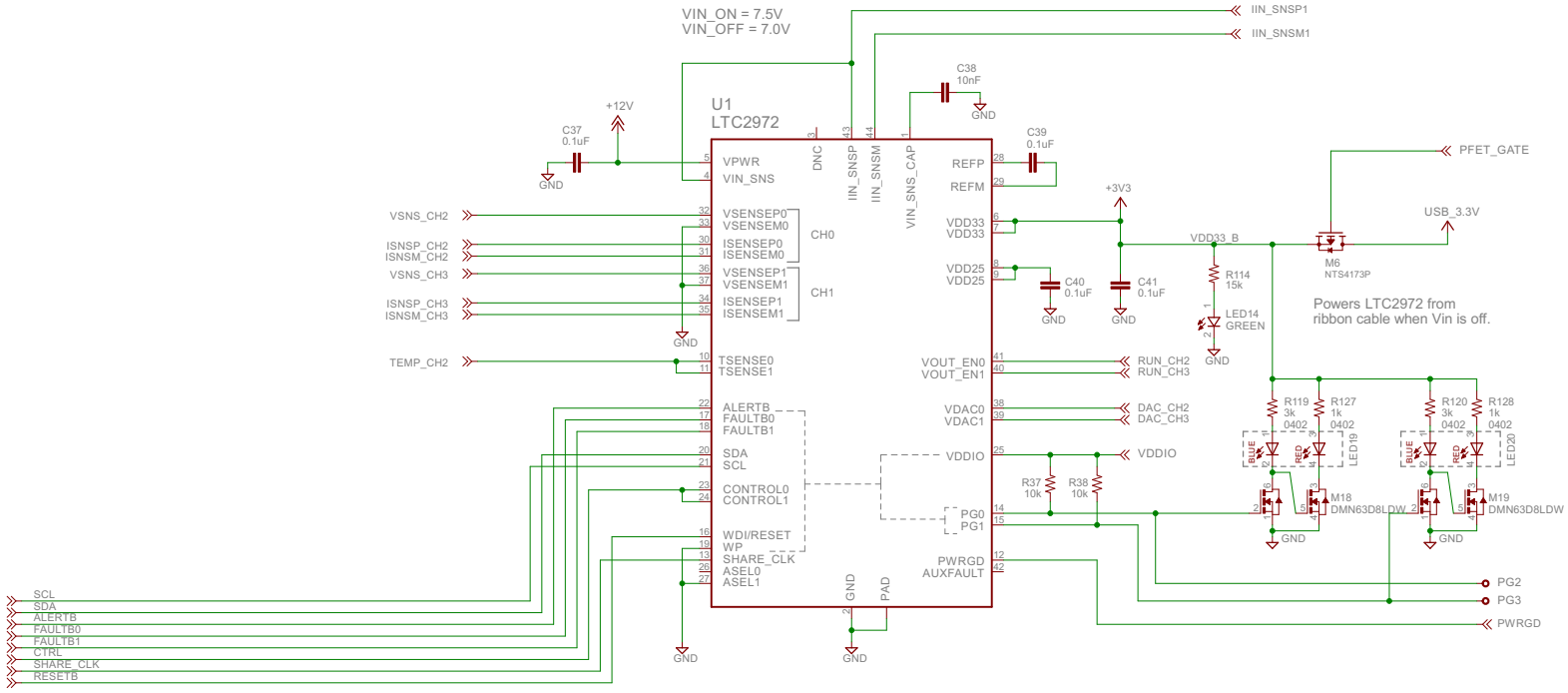
DATE: 7/2/2018 5:36:17 PM

SHEET: 4/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC2972

2-CHANNEL POWER SYSTEM MANAGER
FEATURING PROGRAMMABLE POWER GOOD OUTPUTS



Address 0x5D (offset=1)

NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.

CUSTOMER NOTICE

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

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Fax: (408) 434-0507
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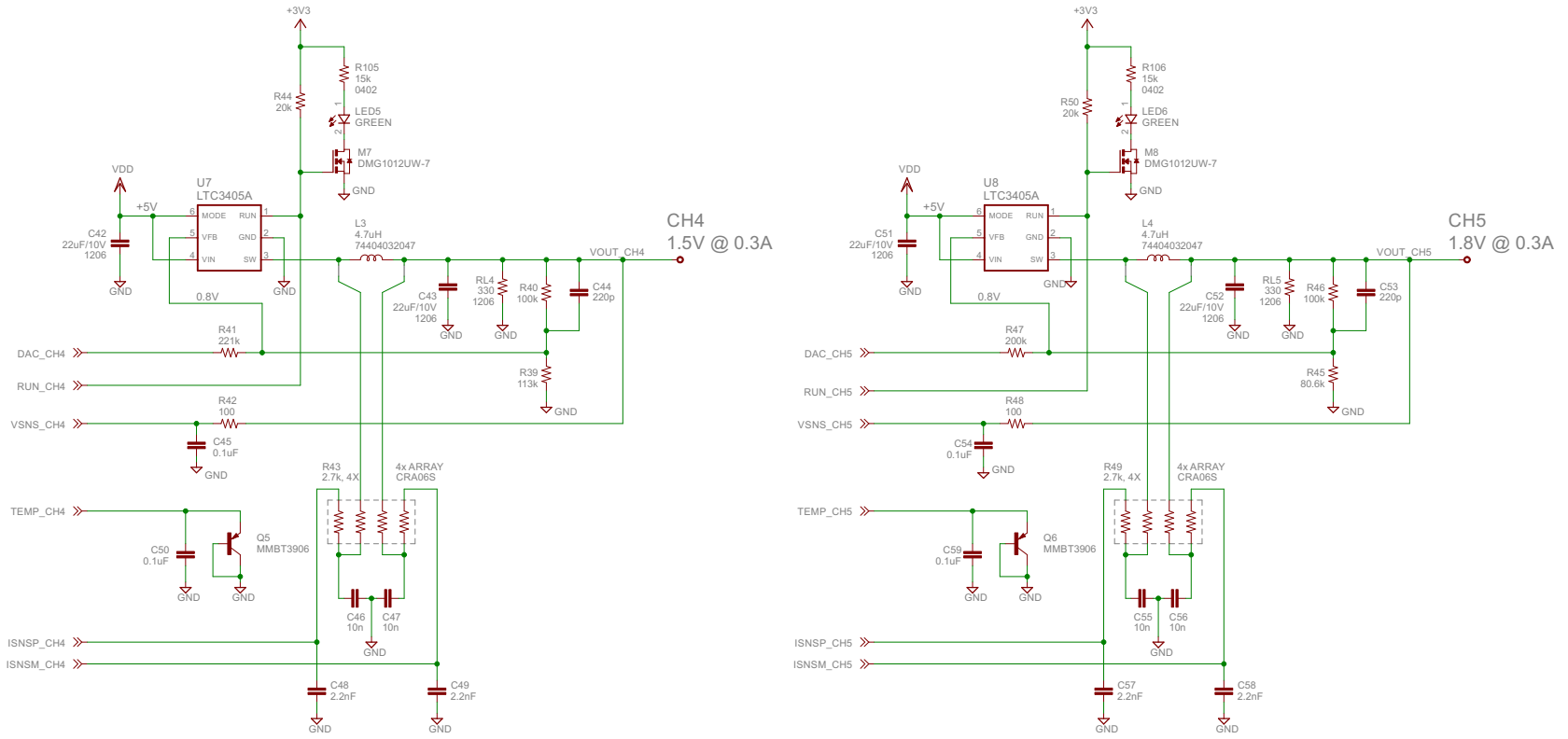
TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE: B | IC NO. LTC2972 DEMO CIRCUIT 2619A | REV: 1

DATE: 7/2/2018 5:36:17 PM | SHEET: 5/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC3405A CH4 and CH5 POWER STAGES, VOUT=1.5V, 1.8V



NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.
3. THE INTERMEDIATE BUS IS VDD=5.0V

CUSTOMER NOTICE

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

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Fax: (408) 434-0507
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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

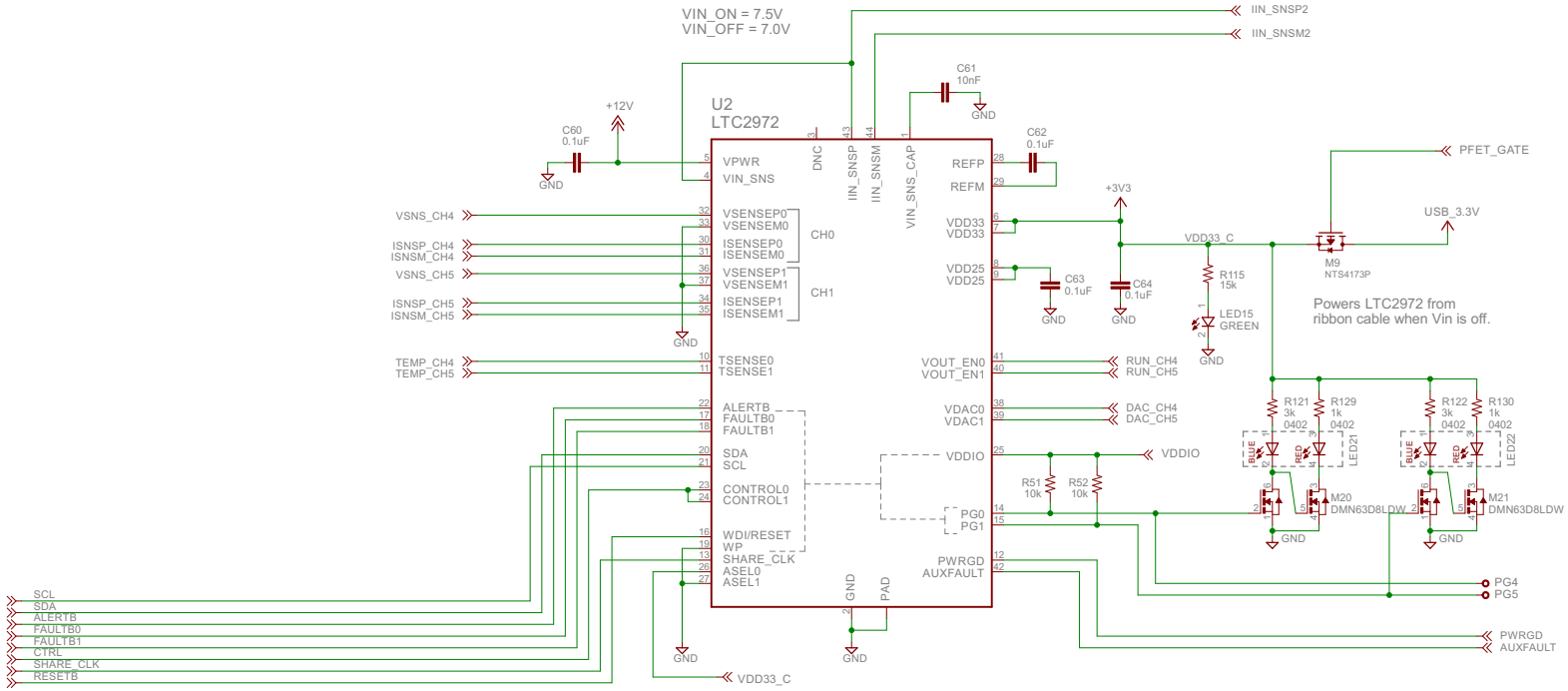
DATE: 7/2/2018 5:36:17 PM

SHEET: 6/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC2972

2-CHANNEL POWER SYSTEM MANAGER
FEATURING PROGRAMMABLE POWER GOOD OUTPUTS



Address 0x5E (offset=2)

NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.
SCALE = NONE	

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

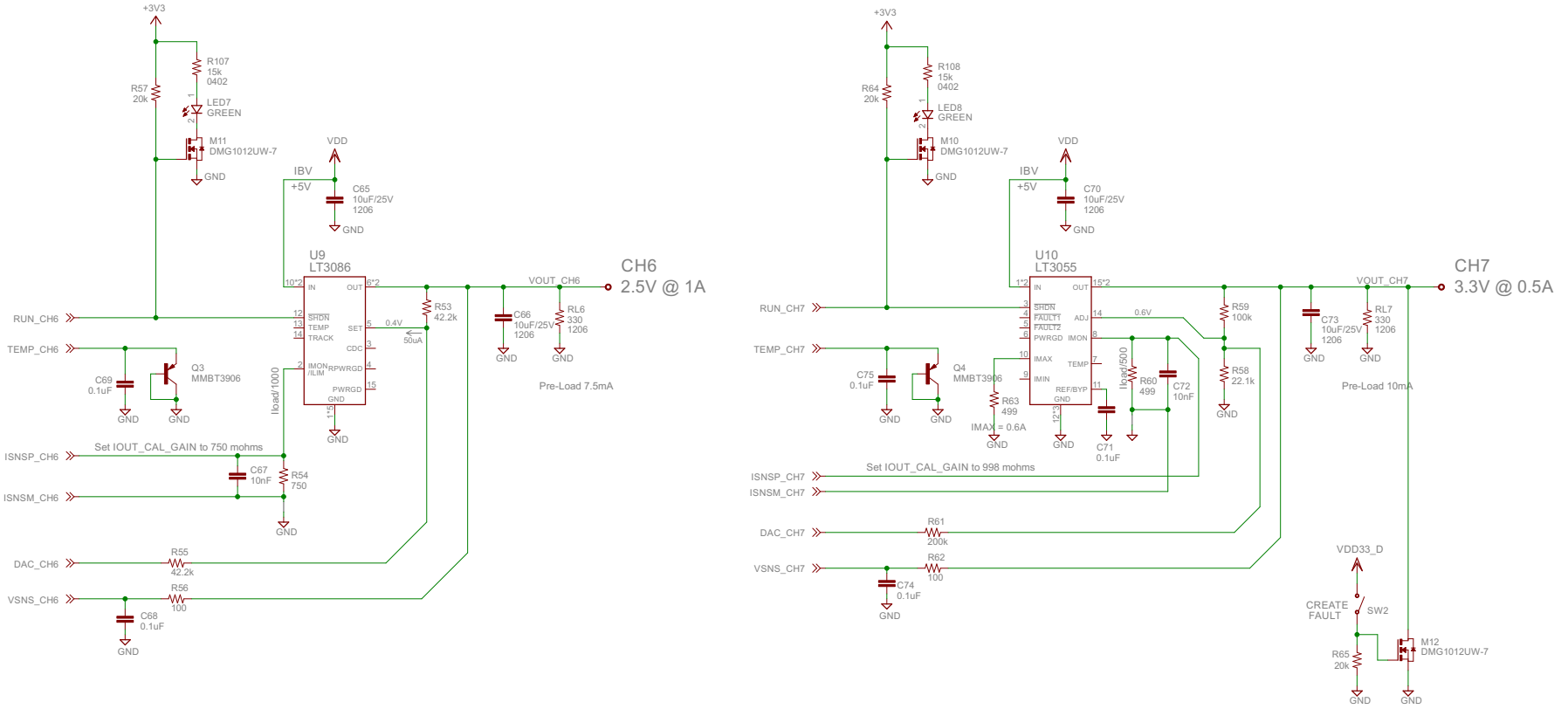
SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

SHEET: 7/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LT3055 & LT3086 CH6 and CH7 POWER STAGES, VOUT=2.5V, 3.3V



NOTES: UNLESS OTHERWISE SPECIFIED:

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2. ALL CAPACITORS ARE 16V 0603.
3. THE INTERMEDIATE BUS (IBV) IS VDD=5.0V

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.

SCALE = NONE

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

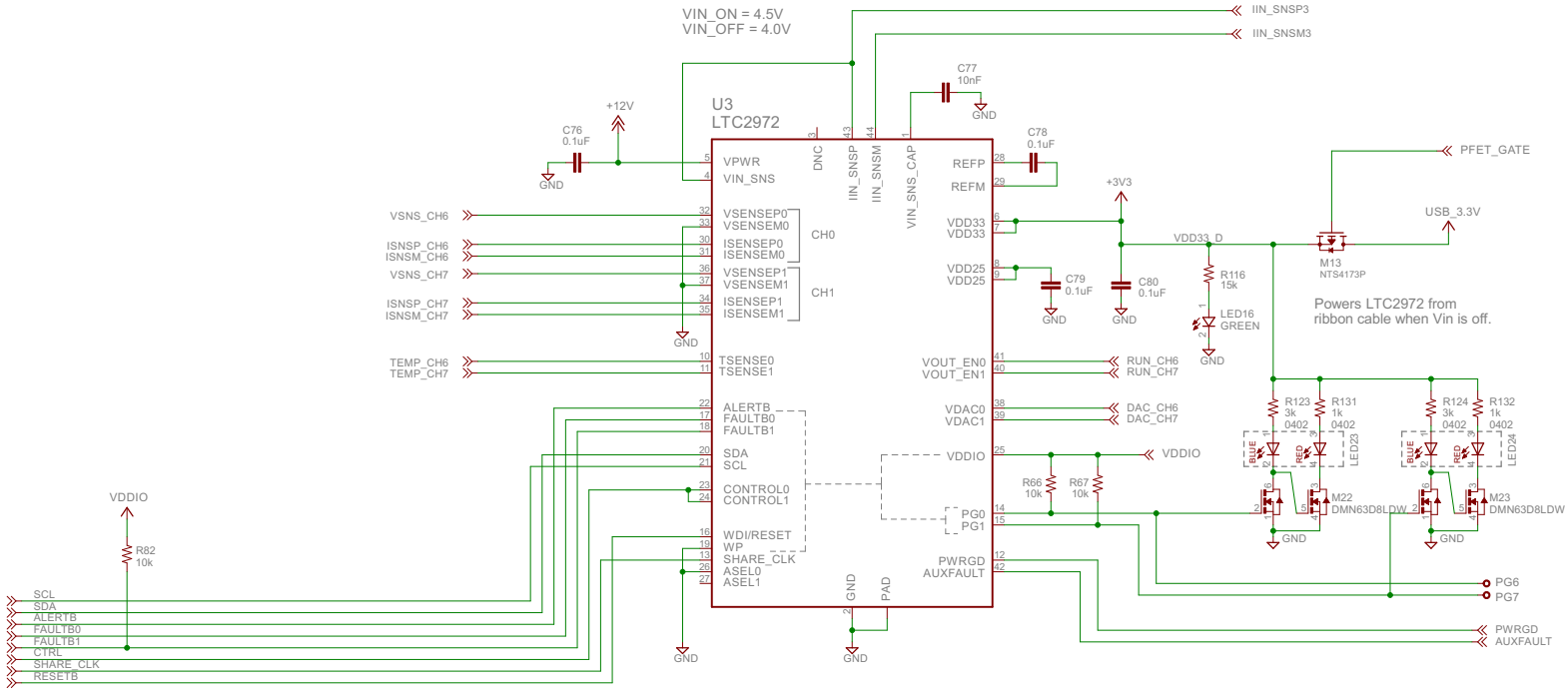
DATE: 7/2/2018 5:36:17 PM

SHEET: 8/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

LTC2972

2-CHANNEL POWER SYSTEM MANAGER
FEATURING PROGRAMMABLE POWER GOOD OUTPUTS



Address 0x5F (offset=3)

NOTES: UNLESS OTHERWISE SPECIFIED:

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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	

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

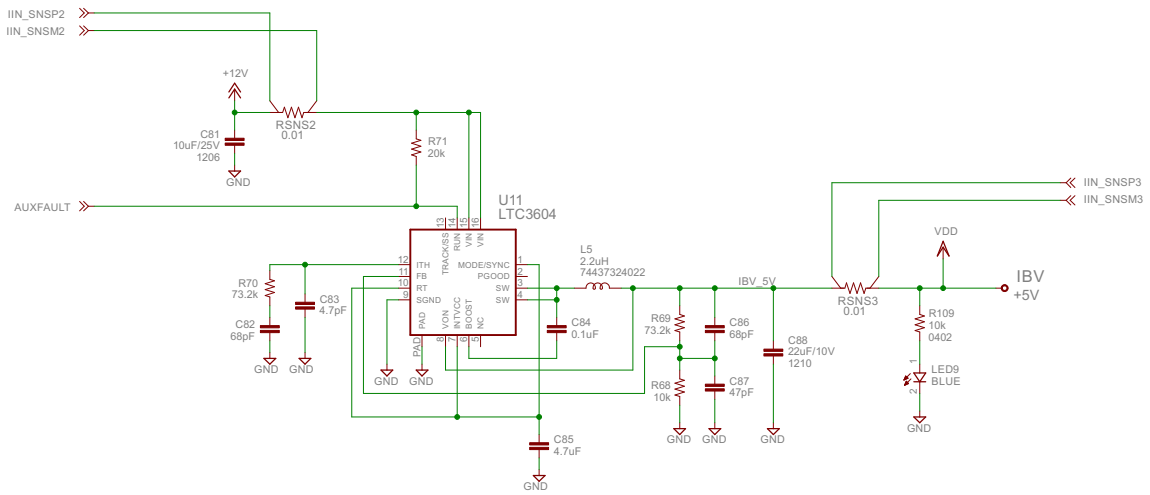
SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

SHEET: 9/11

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	07-02-2018

INTERMEDIATE +5V BUS



NOTES: UNLESS OTHERWISE SPECIFIED:

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2. ALL CAPACITORS ARE 16V 0603.
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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.
SCALE = NONE	

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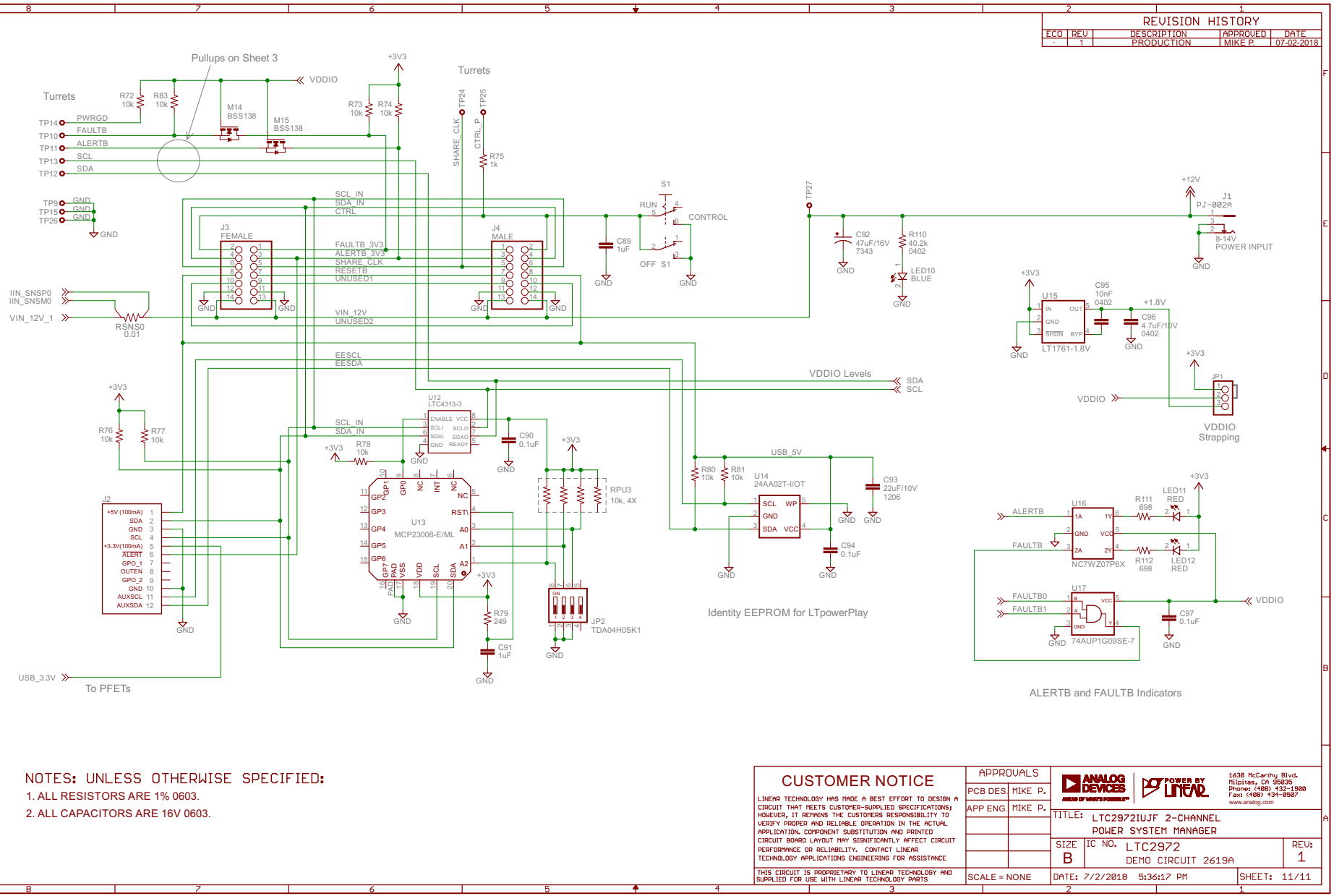
TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

SHEET: 10/11



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2. ALL CAPACITORS ARE 16V 0603.

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APPROVALS	
PCB DES.	MIKE P.
APP ENG.	MIKE P.
SCALE = NONE	

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TITLE: LTC2972IUJF 2-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTC2972 DEMO CIRCUIT 2619A	1

DATE: 7/2/2018 5:36:17 PM

SHEET: 11/11