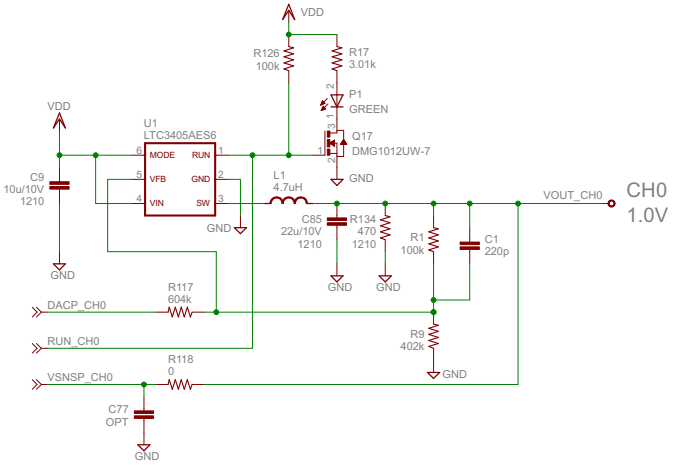
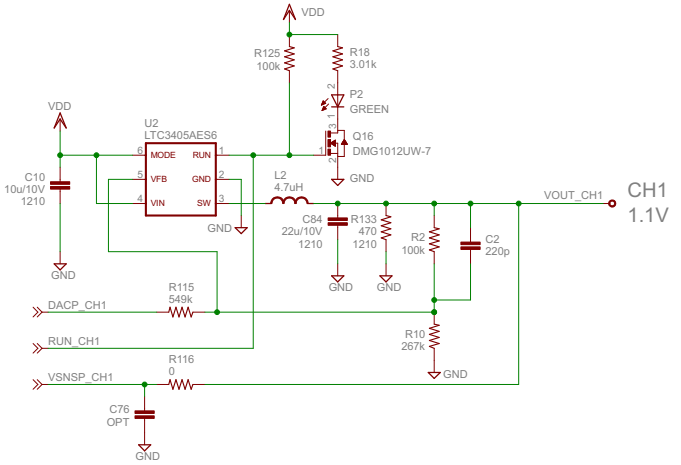
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	01-29-14

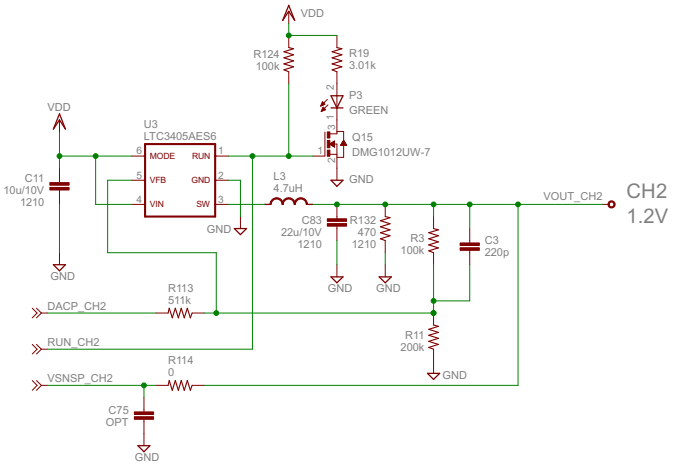
LTM2987 CH0 Power Stage



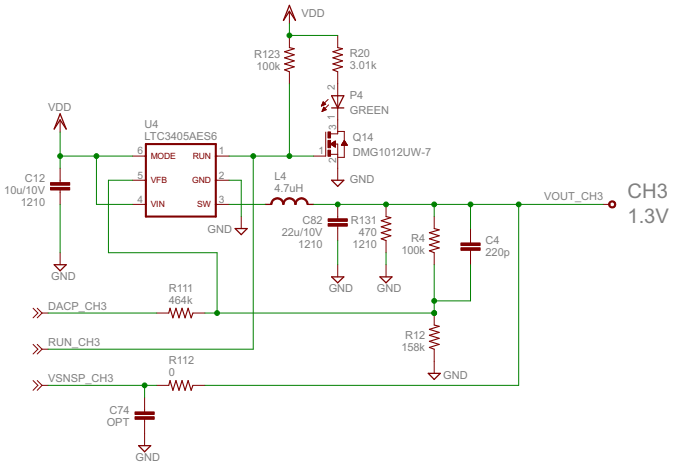
LTM2987 CH1 Power Stage



LTM2987 CH2 Power Stage



LTM2987 CH3 Power Stage



NOTES: UNLESS OTHERWISE SPECIFIED:

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

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

SCALE = NONE

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TITLE: LTM2987CY 16-CHANNEL POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTM2987 DEMO CIRCUIT 2023A	1

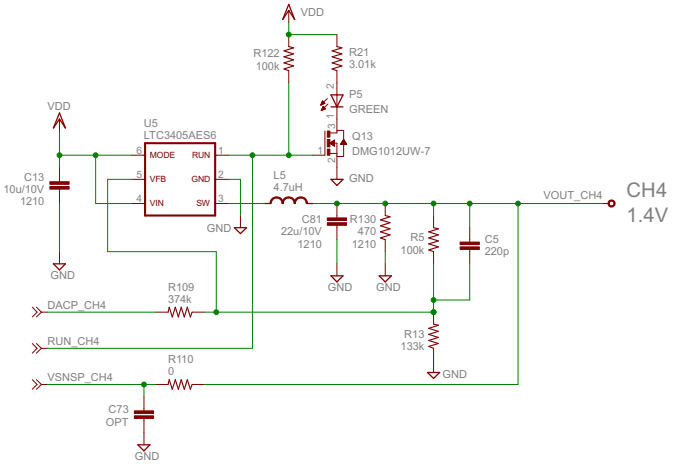
DATE: 2/13/2014 4:03:36 PM

SHEET: 1/6

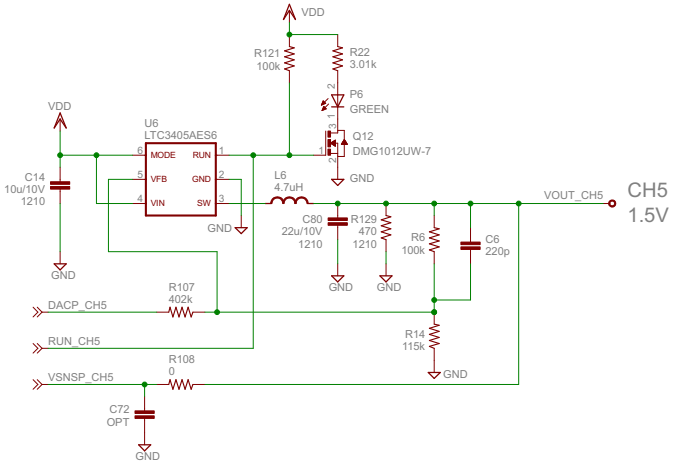
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	01-29-14

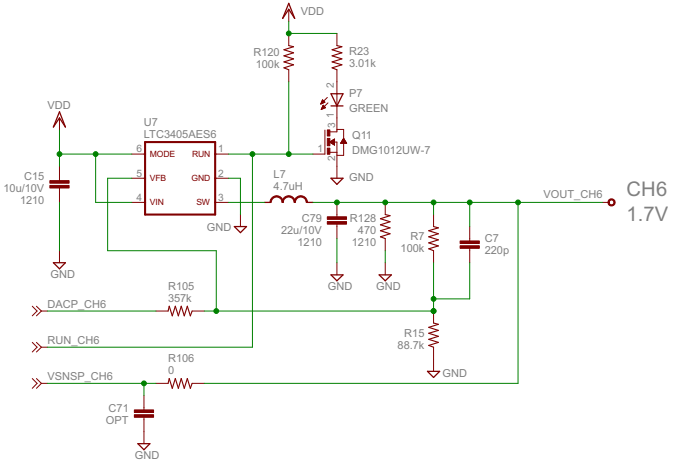
LTM2987 CH4 Power Stage



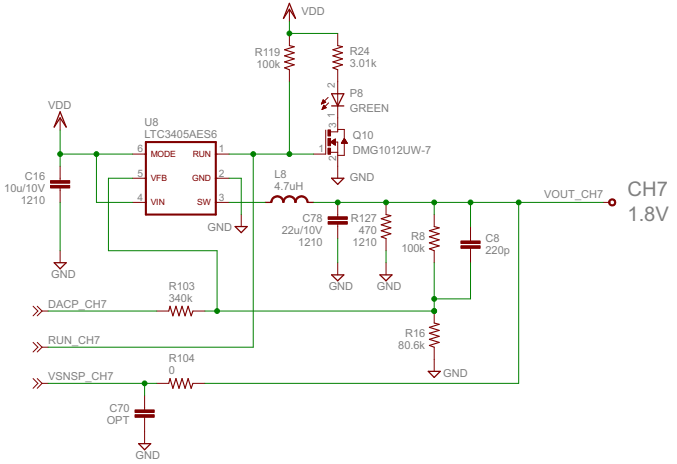
LTM2987 CH5 Power Stage



LTM2987 CH6 Power Stage



LTM2987 CH7 Power Stage



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APPROVALS	
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APP ENG.	MIKE P.

SCALE = NONE

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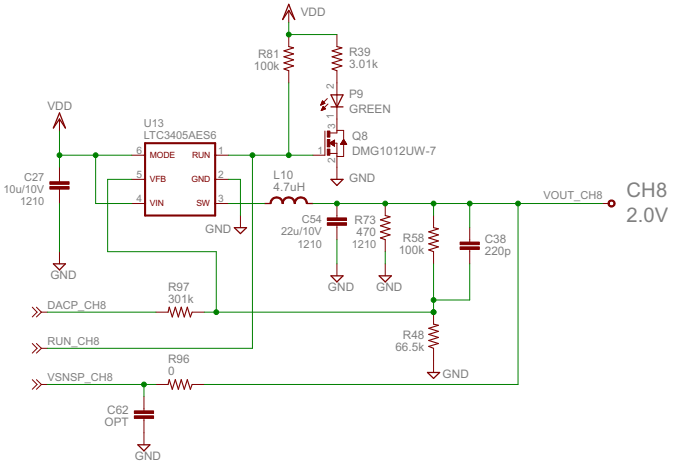
SIZE	IC NO.	REV
B	LTM2987 DEMO CIRCUIT 2023A	1

DATE: 2/13/2014 4:03:36 PM

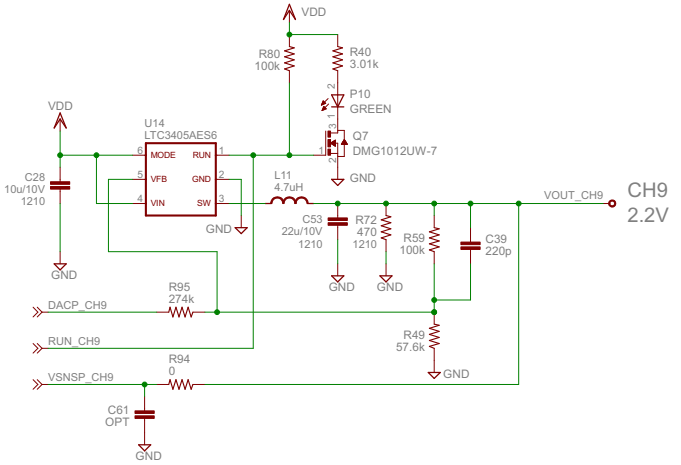
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	01-29-14

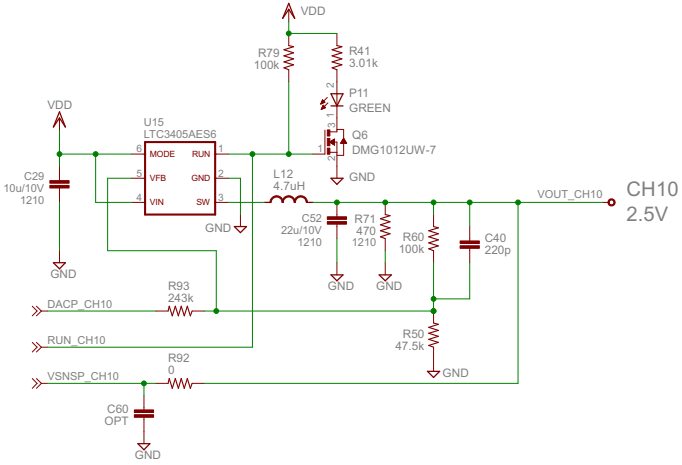
LTM2987 CH8 Power Stage



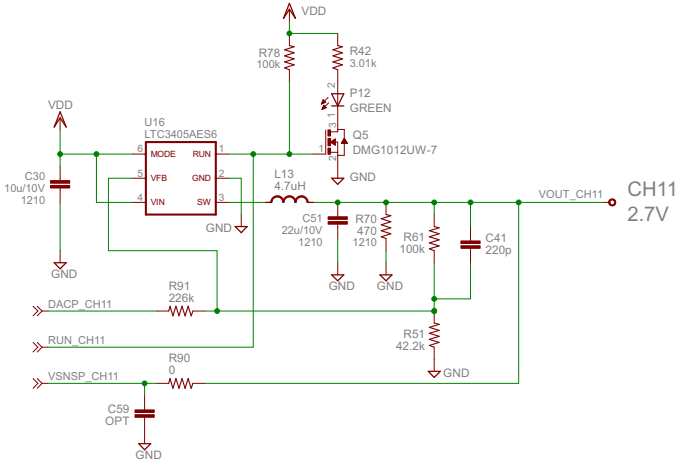
LTM2987 CH9 Power Stage



LTM2987 CH10 Power Stage



LTM2987 CH11 Power Stage



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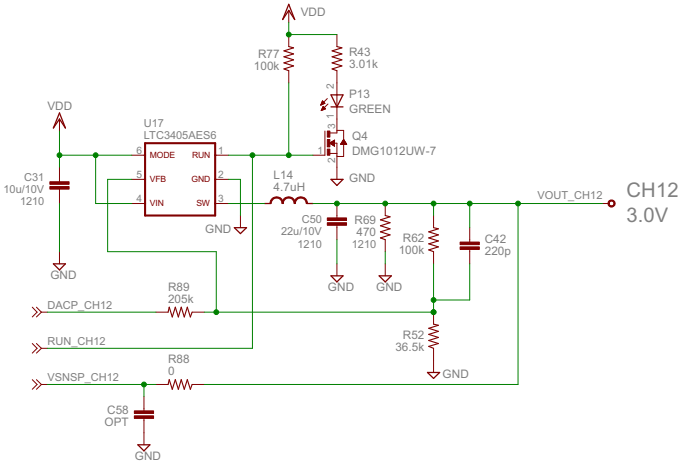
SIZE	IC NO.	REV
B	LTM2987 DEMO CIRCUIT 2023A	1

DATE: 2/13/2014 4:03:36 PM

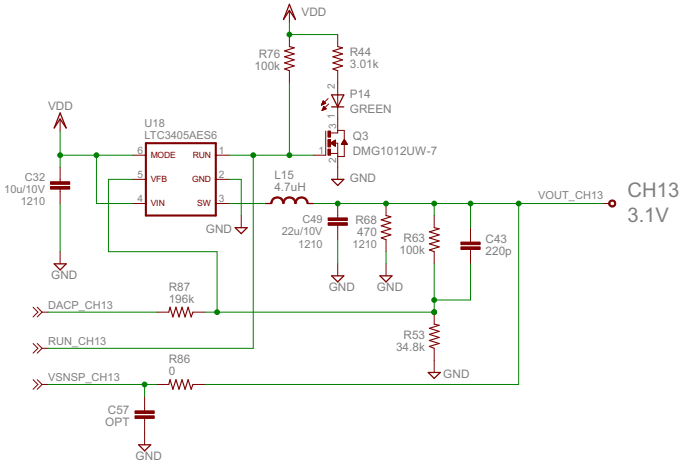
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	01-29-14

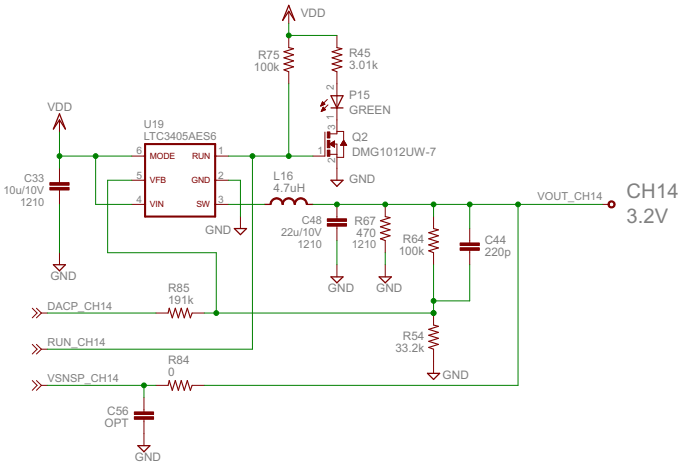
LTM2987 CH12 Power Stage



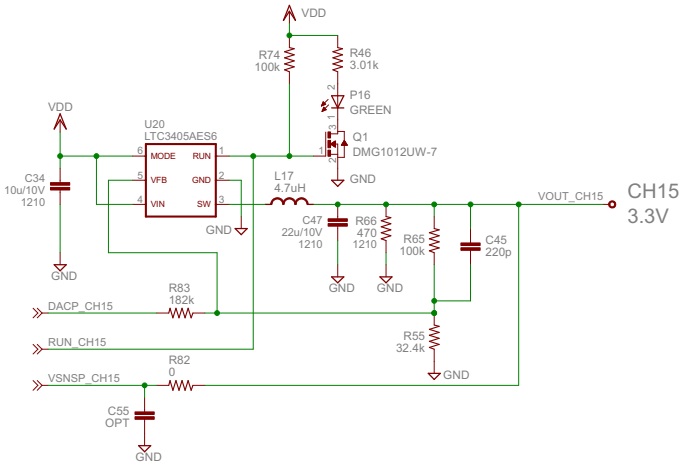
LTM2987 CH13 Power Stage



LTM2987 CH14 Power Stage



LTM2987 CH15 Power Stage



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APP ENG.	MIKE P.

SCALE = NONE

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SIZE	IC NO.	REV
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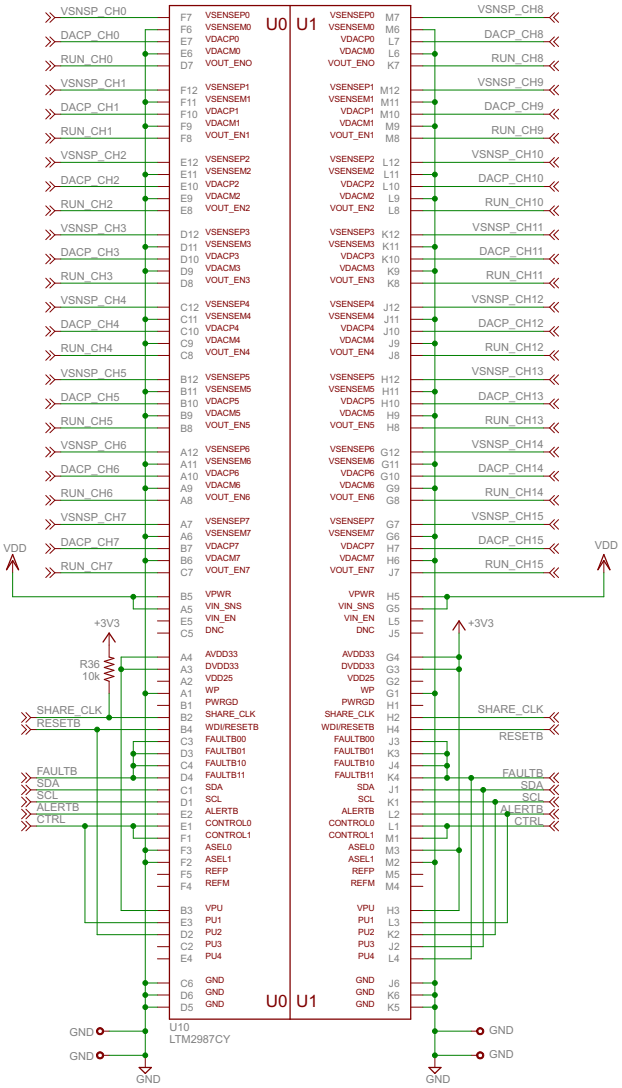
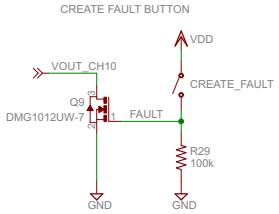
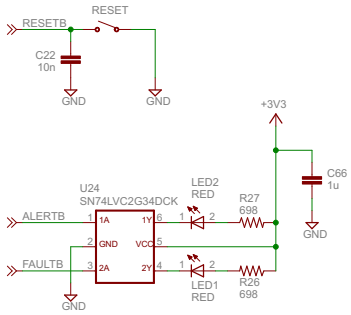
DATE: 2/13/2014 4:03:36 PM

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	01-29-14







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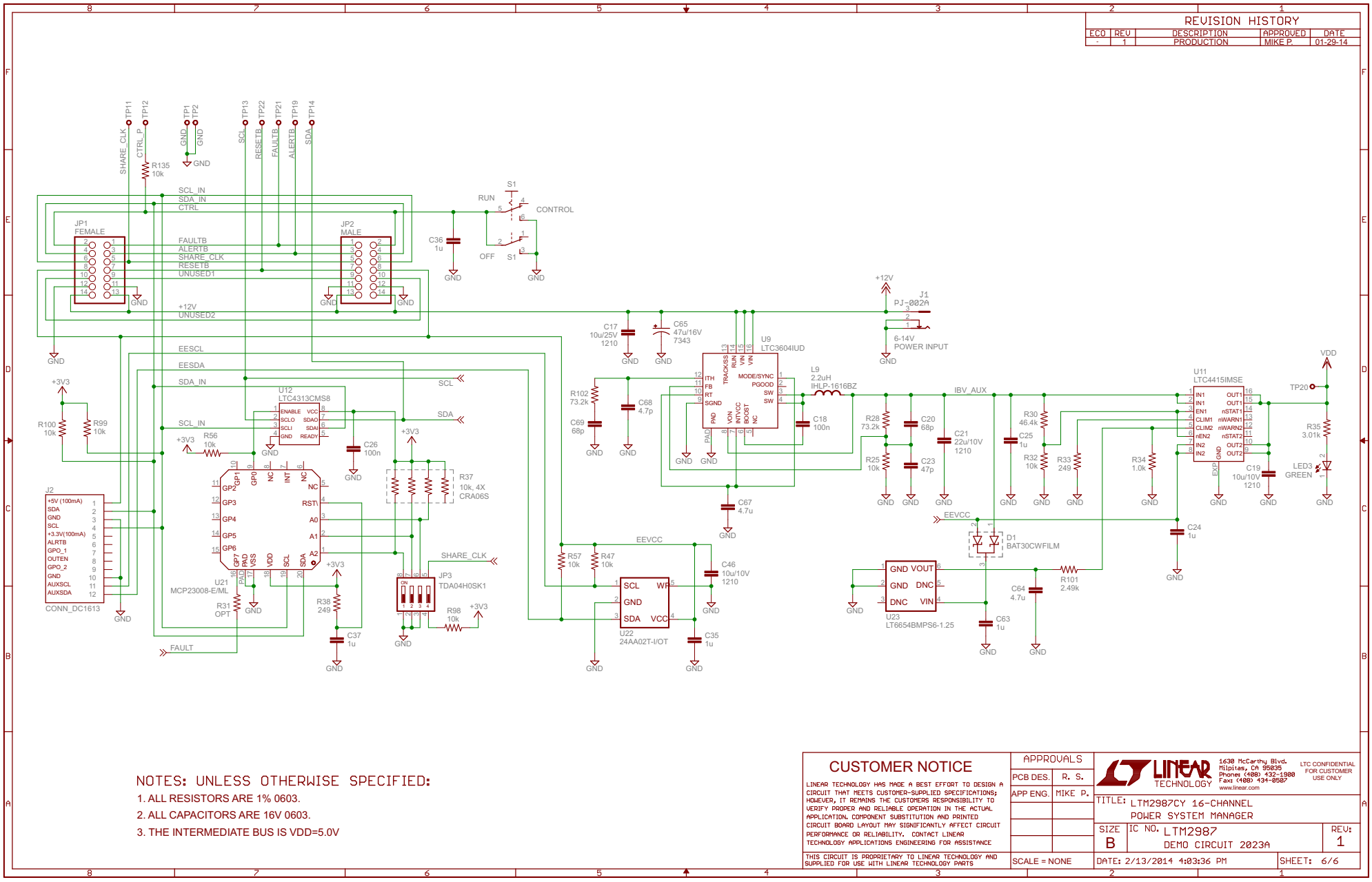
TITLE: LTM2987CY 16-CHANNEL
POWER SYSTEM MANAGER

SIZE	IC NO.	REV:
B	LTM2987 DEMO CIRCUIT 2023A	1

SCALE = NONE | DATE: 2/13/2014 4:03:36 PM | SHEET: 5/6


REVISION HISTORY
ECO | REV | DESCRIPTION | APPROVED | DATE
- | 1 | PRODUCTION | MIKE P. | 01-29-14
SHARE_CLK
CTRL_P
SCL
RESETB
FAULTB
ALERTB
SDA
SCL_IN
SDA_IN
CTRL
FAULTB
ALERTB
SHARE_CLK
RESETB
UNUSED1
UNUSED2
+12V
EESCL
EESDA
SDA_IN
SCL_IN
FAULT
SHARE_CLK
JP1 FEMALE
JP2 MALE
R135 10k
S1
RUN
CONTROL
OFF
C36 1u
J1 PJ-002A
6-14V POWER INPUT
U9 LTC3604IUD
L9 2.2uH IHLP-1616BZ
C17 10u/25V 1210
C65 47u/16V 7343
C68 4.7p
C69 68p
R102 73.2k
C18 100n
C67 4.7u
IBV_AUX
R28 73.2k
R25 10k
C20 68p
C23 47p
C21 22u/10V 1210
C25 1u
R30 46.4k
R32 10k
R33 249
R34 1.0k
U11 LTC4415IMSE
TP20
VDD
R35 3.01k
LED3 GREEN
C19 10u/10V 1210
C24 1u
D1 BAT30CWFILM
EEVCC
R101 2.49k
C64 4.7u
C63 1u
U23 LT6654BMPS6-1.25
U12 LTC4313CMS8
R100 10k
R99 10k
R56 10k
C26 100n
R37 10k, 4X CRA06S
U21 MCP23008-E/ML
R31 OPT
R38 249
C37 1u
JP3 TDA04H0SK1
R98 10k
J2 CONN_DC1613
R57 10k
R47 10k
U22 24AA02T-I/OT
C46 10u/10V 1210
C35 1u
+3V3
GND
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SCALE = NONE
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TITLE: LTM2987CY 16-CHANNEL POWER SYSTEM MANAGER
SIZE B
IC NO. LTM2987 DEMO CIRCUIT 2023A
REV: 1
DATE: 2/13/2014 4:03:36 PM
SHEET: 6/6