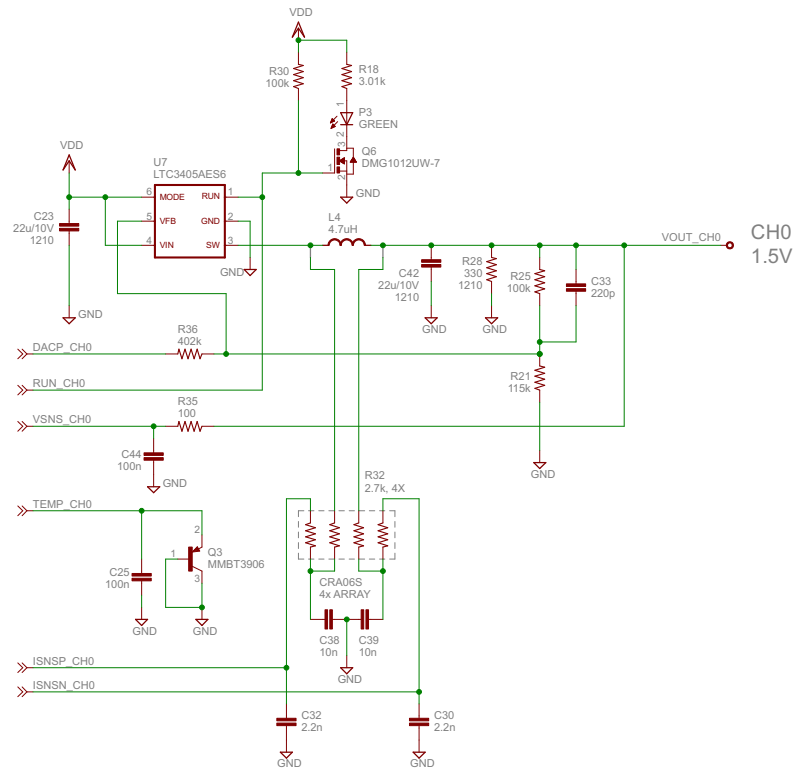
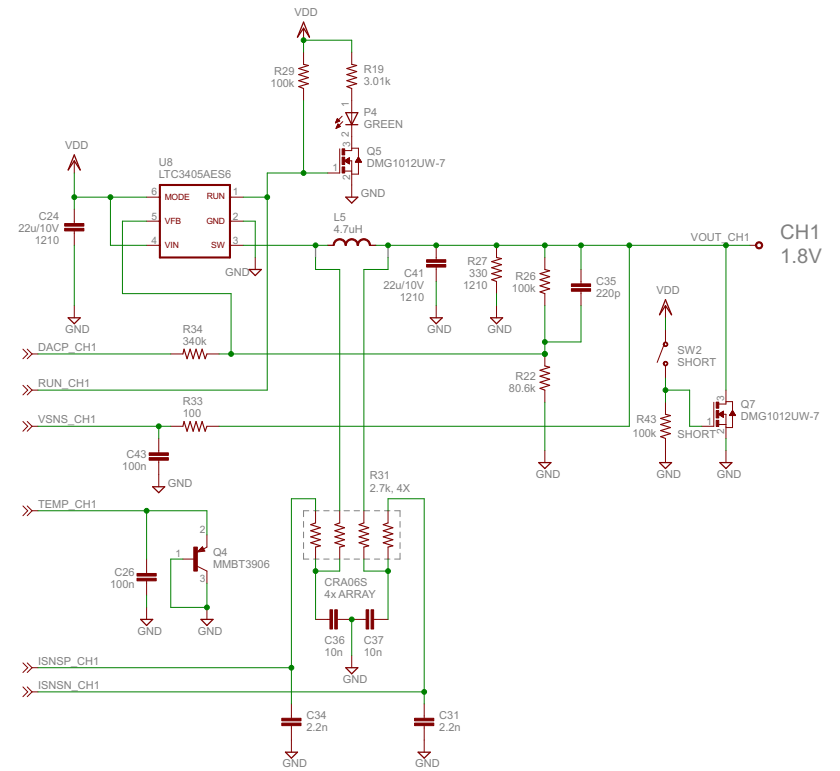


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	02-12-14

LTC2975 CH0 POWER STAGE, VOUT=1.5V




LTC2975 CH1 POWER STAGE, VOUT=1.8V



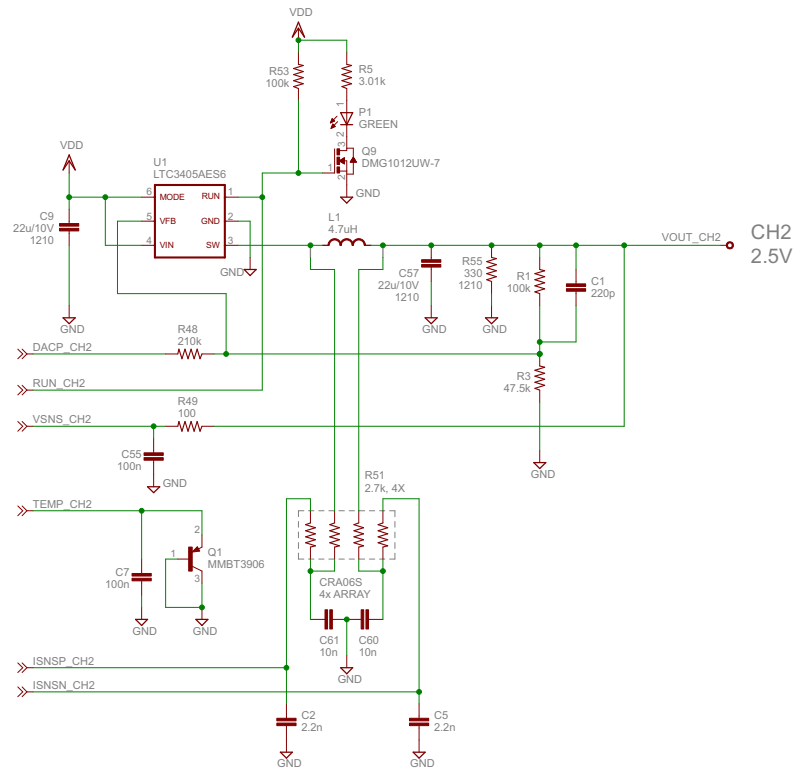
NOTES: UNLESS OTHERWISE SPECIFIED:

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

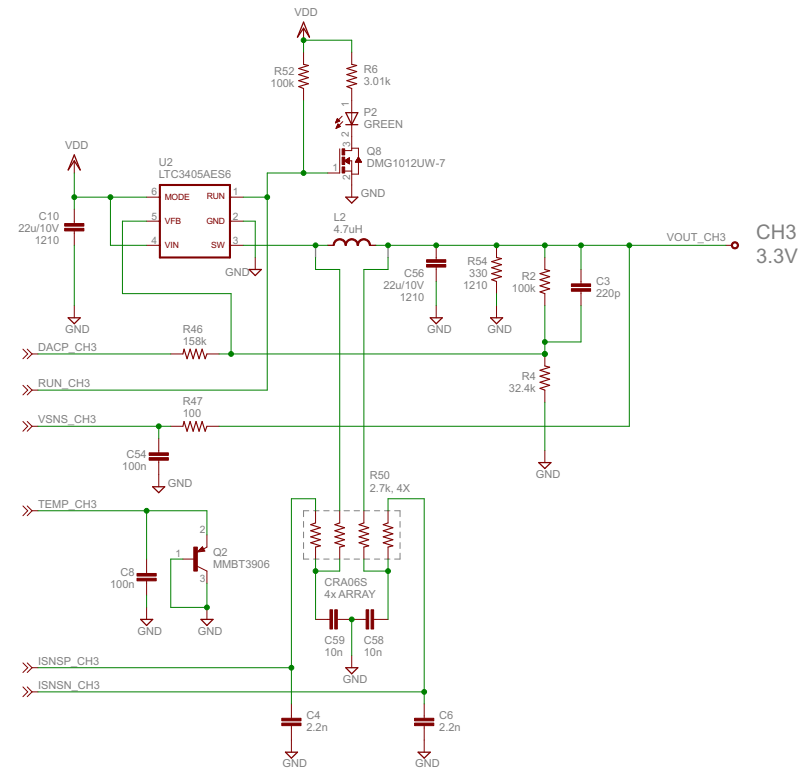
CUSTOMER NOTICE		APPROVALS		 1638 McCarthy Blvd. Milpitas, CA 95035 Phone (408) 432-1980 Fax (408) 434-9957 www.linear.com	LTC CONFIDENTIAL FOR CUSTOMER USE ONLY	
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S 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.		PCB DES.	R. S.			TITLE: LTC2975CUP 4-CHANNEL POWER SYSTEM MANAGER
		APP ENG.	MIKE P.	SCALE = NONE	DATE: 2/13/2014 3:53:26 PM	

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	02-12-14

LTC2975 CH2 POWER STAGE, VOUT=2.5V




LTC2975 CH3 POWER STAGE, VOUT=3.3V



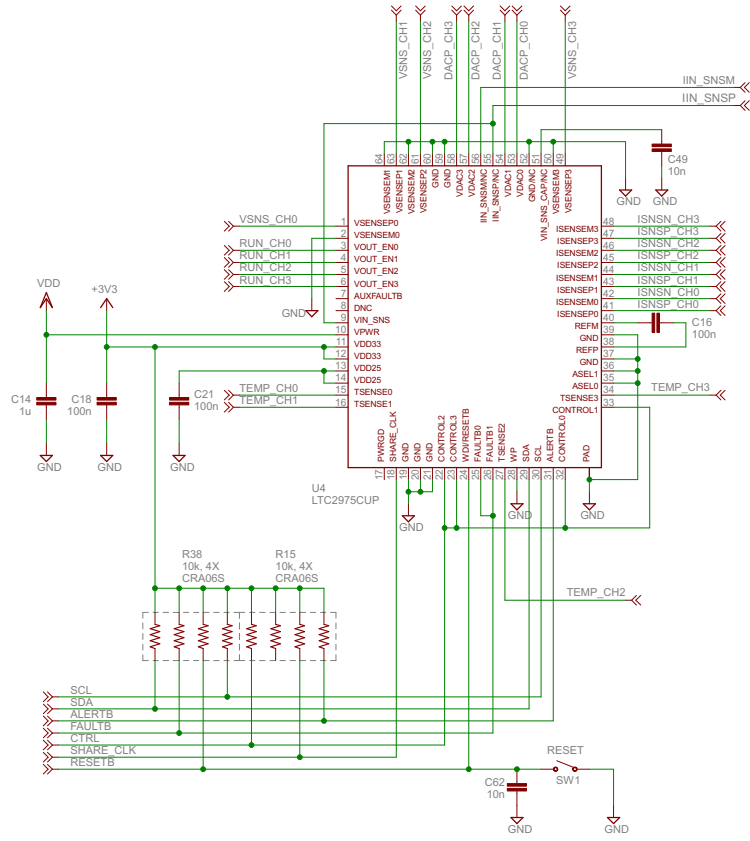
NOTES: UNLESS OTHERWISE SPECIFIED:

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

CUSTOMER NOTICE		APPROVALS		 1538 McCarthy Blvd. Milpitas, CA 95035 Phone (408) 432-1900 Fax (408) 434-9957 www.linear.com	LTC CONFIDENTIAL FOR CUSTOMER USE ONLY
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		APP ENG.	MIKE P.	SIZE B IC NO. LTC2975 DEMO CIRCUIT 2022A	REV: 1
				DATE: 2/13/2014 3:53:26 PM	SHEET: 2/4

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	02-12-14

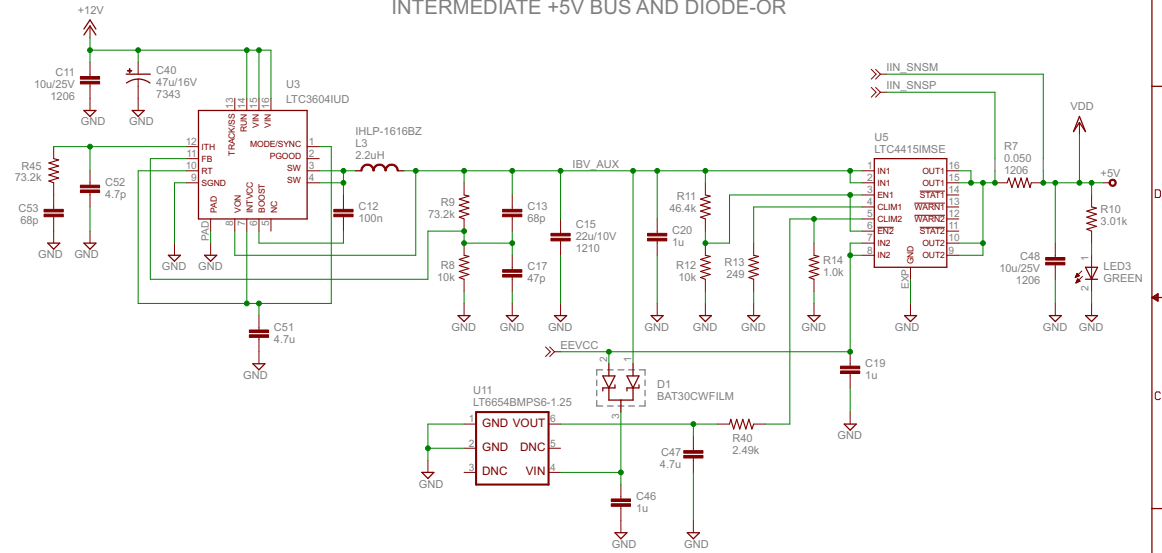
LTC2975
4-CHANNEL POWER SYSTEM MANAGER
FEATURING ACCURATE ENERGY MEASUREMENT



NOTES: UNLESS OTHERWISE SPECIFIED:

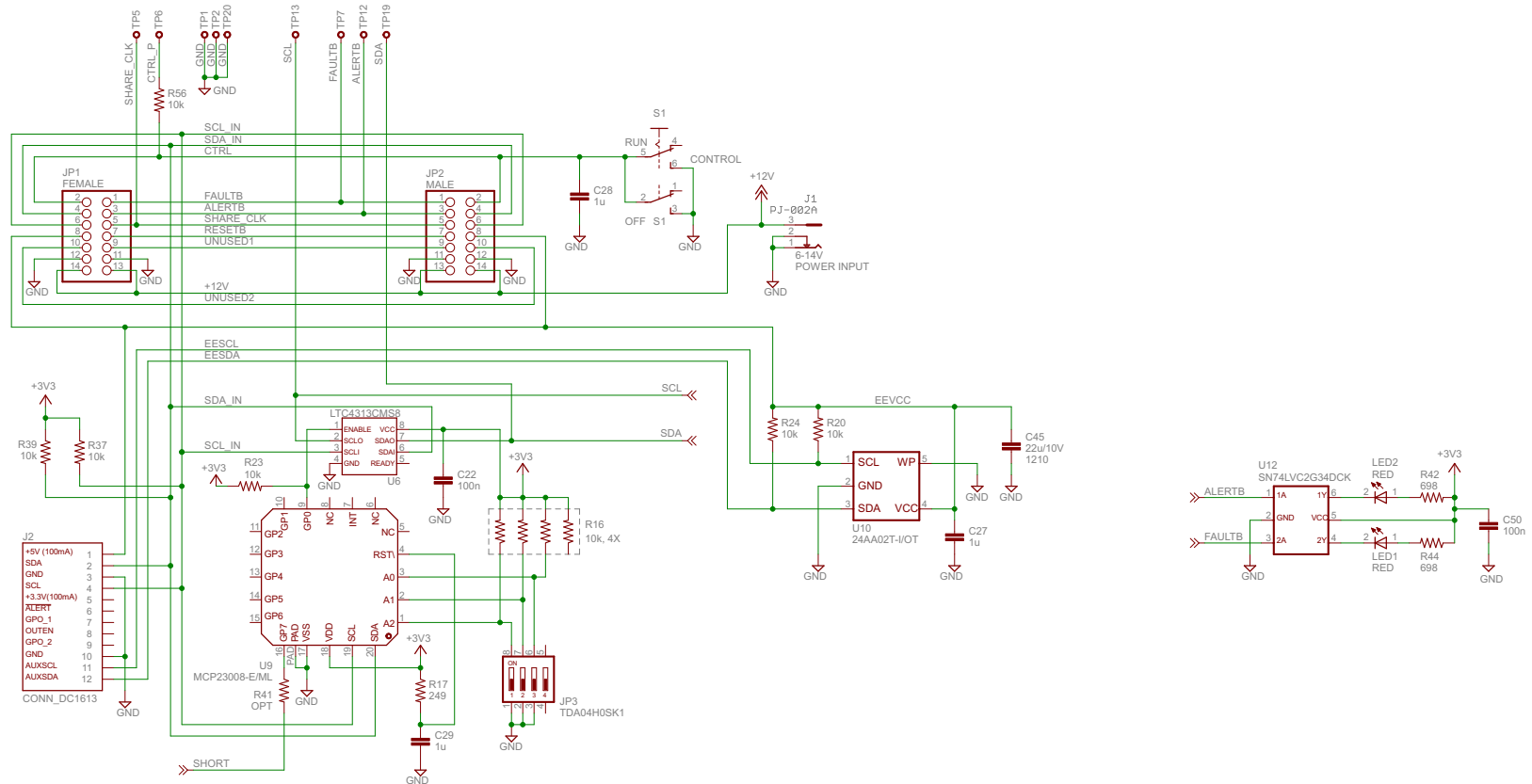
1. ALL RESISTORS ARE 1% 0603.
2. ALL CAPACITORS ARE 16V 0603.
3. THE INTERMEDIATE BUS IS VDD=5.0V

INTERMEDIATE +5V BUS AND DIODE-OR




CUSTOMER NOTICE		APPROVALS			1538 McCarthy Blvd. Milpitas, CA 95035 Phone: (408) 432-1980 Fax: (408) 434-9957 www.linear.com	LTC CONFIDENTIAL FOR CUSTOMER USE ONLY
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		PCB DES.	R. S.			
		APP ENG.	MIKE P.	SIZE	IC NO.	REV:
				B	LTC2975	1
		SCALE = NONE	DATE: 2/13/2014 3:53:26 PM	DEMO CIRCUIT 2022A		SHEET: 3/4

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE P.	02-12-14



NOTES: UNLESS OTHERWISE SPECIFIED:

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

APPROVALS		 <small>1530 McCarthy Blvd. Milpitas, CA 95035 Phone (408) 432-1900 Fax (408) 434-9957 www.linear.com</small>	<small>LTC CONFIDENTIAL FOR CUSTOMER USE ONLY</small>
PCB DES.	R. S.		
APP ENG.	MIKE P.	TITLE: LTC2975CUP 4-CHANNEL POWER SYSTEM MANAGER	
		SIZE B	IC NO. LTC2975
			REV: 1
<small>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS</small>		SCALE = NONE	DATE: 2/13/2014 3:53:26 PM
			SHEET: 4/4