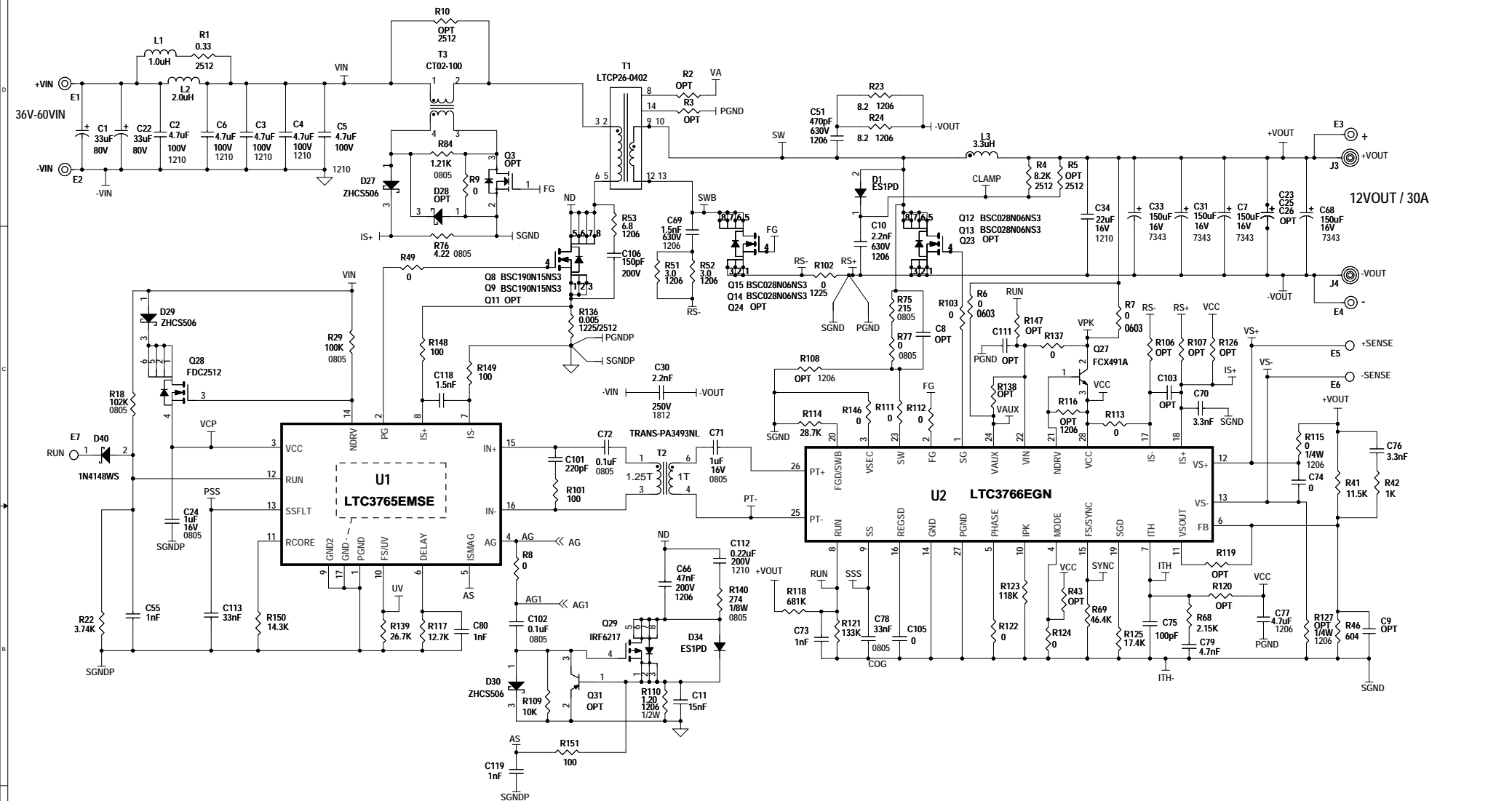


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	2	PRODUCTION	DAVID B.	10-01-14

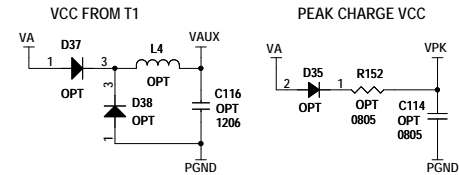
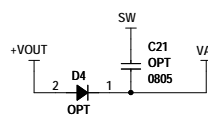
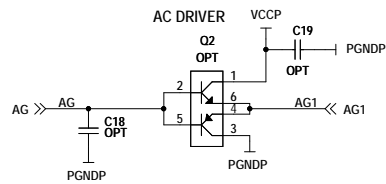
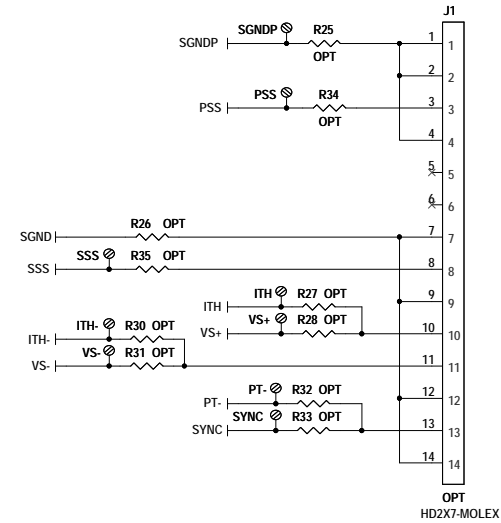
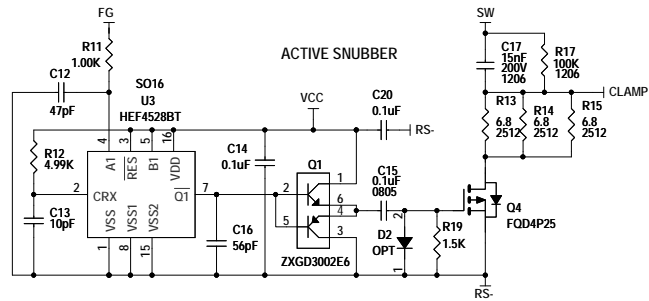


NOTE:
 4.7uF 100V MURATA, GRM32ER72A475KE14 (X7R 1210)
 4.7uF 25V AVX, 12063C475KAT2A (X7R 1206)
 22uF 16V MURATA, GRM32ER71C226MEAB8L (1210 X5R)
 2.2nF 250V Murata GA343QR7GD222KW01L (X7R 1812)
 150uF 16V PANASONIC, 16TQC150MYF
 33uF 80V PANASONIC, EEHA1K330P (10x12.5mm)
 L2 Vishay IHLP4040DZER2R0M11
 L3 Coilcraft SER2915L-332KL
 0.005 ohm Susumu KRL6432D-M-R005-F-T5 (1225)
 R110 SUSUMU, RL1632S-1R20-F (1206)
 T1 Champs, LTC-PQ26-0402
 T2 Pulse, PA3493NL

Unless otherwise specified:
 All resistors are in ohms 0603.
 All capacitors are in microfarads 0603.
 All capacitors are 25V.
 1/16W = 0402, 1/10W = 0603, 1/8W = 0805,
 1/4W = 1206, 1W = 2512.

CUSTOMER NOTICE		APPROVALS		LINEAR TECHNOLOGY	
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.	LT	1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)321-9000 www.linear.com Fax: (408)321-0507 LTC Confidential-For Customer Use Only	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	DAVID B.		
SCALE = NONE		TITLE: SCHEMATIC		ACTIVE CLAIM FORWARD CONVERTER WITH DIRECT FLUX LIMIT	
DATE: Wednesday, October 01, 2014		SIZE N/A		IC NO. LTC3765EMSE / LTC3766EGN DC2199A	
SHEET 1 OF 2		REV. 2			

OPTIONAL CIRCUITS



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.		APPROVALS PCB DES. LT APP ENG. DAVID B.		LINEAR TECHNOLOGY 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		TITLE: SCHEMATIC ACTIVE CLAIM FORWARD CONVERTER WITH DIRECT FLUX LIMIT		SIZE N/A IC NO. LTC3765EMSE / LTC3766EGN DC2199A	
SCALE = NONE		DATE: Wednesday, October 01, 2014		SHEET 2 OF 2	