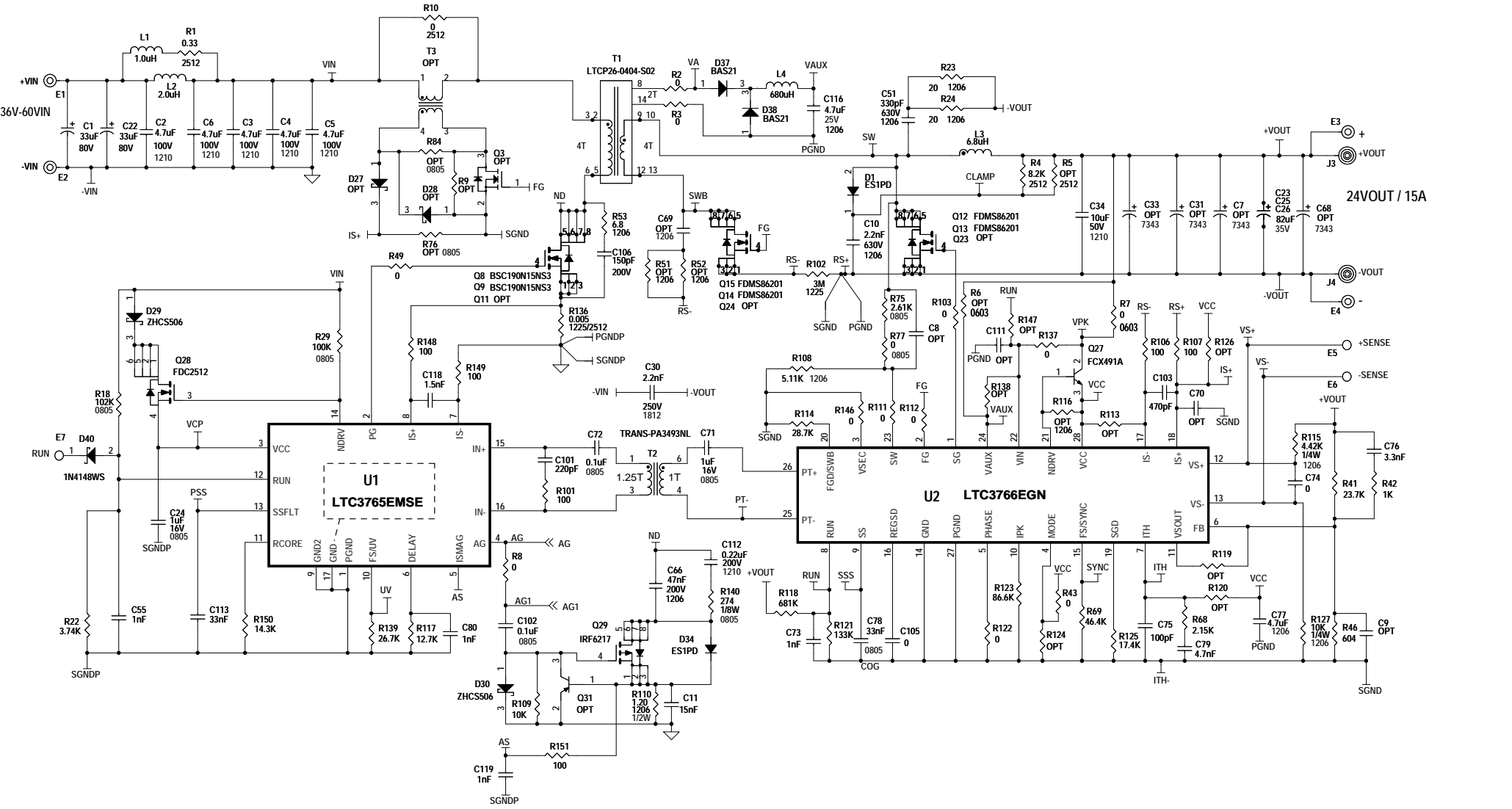


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION	DAVID B.	2-26-15

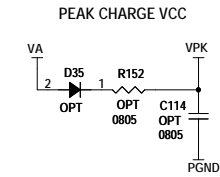
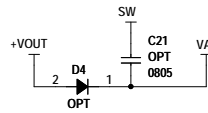
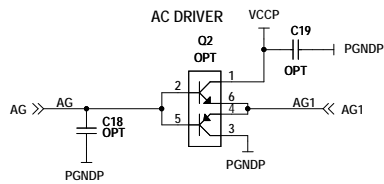
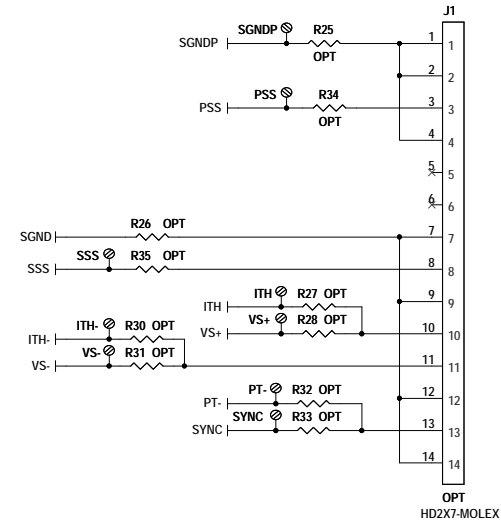
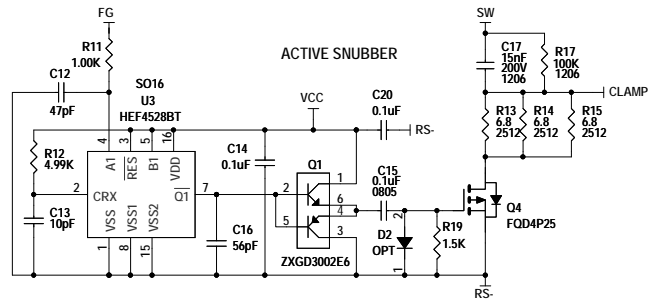


NOTE:
 4.7uF 100V MURATA, GRM32ER72A475KE14 (X7R 1210)
 4.7uF 25V AVX, 12063C475KAT2A (X7R 1206)
 10uF 50V MURATA, GRM32ER61H106MA12 (1210 X5R)
 2.2nF 250V Murata GA343QR7GD222KW01L (X7R 1812)
 82uF 16V PANASONIC, 35SVPF82M
 33uF 80V PANASONIC, EEHZA1K330P (10x12.5mm)
 L1 Coilcraft XPL2010-102ML
 L2 Vishay IHLP4040DZER2R0M11
 L3 Coilcraft SER2915L-682KL
 L4 Coiltronics SD25-681
 0.005 Ohm Susumu KRL6432D-M-R005-F-T5 (1225)
 0.003 Ohm Susumu KRL6432D-M-R003-F-T5 (1225)
 R110 SUSUMU, RL1632S-1R20-F (1206)
 T1 Champs, LTC-PQ26-0404-S02
 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			1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)321-1900 www.linear.com Fax: (408)321-0507 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.					PCB DES.	LT
				APP ENG.	DAVID B.	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.				SCALE = NONE	DATE: Thursday, February 26, 2015	SIZE N/A IC NO. LTC3765EMSE / LTC3766EGN DC2199A-B REV. 3
						SHEET 1 OF 2

OPTIONAL CIRCUITS



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)322-1900 www.linear.com Fax: (408)334-0507 LTC Confidential-For Customer Use Only			
		APP ENG:	DAVID B.				
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		SCALE = NONE		TITLE: SCHEMATIC ACTIVE CLAMP FORWARD CONVERTER WITH DIRECT FLUX LIMIT			
		SIZE:	N/A	IC NO.:	LTC3765EMSE / LTC3766EGN DC2199A-B	REV.:	3
		DATE:		Thursday, February 26, 2015		SHEET 2 OF 2	