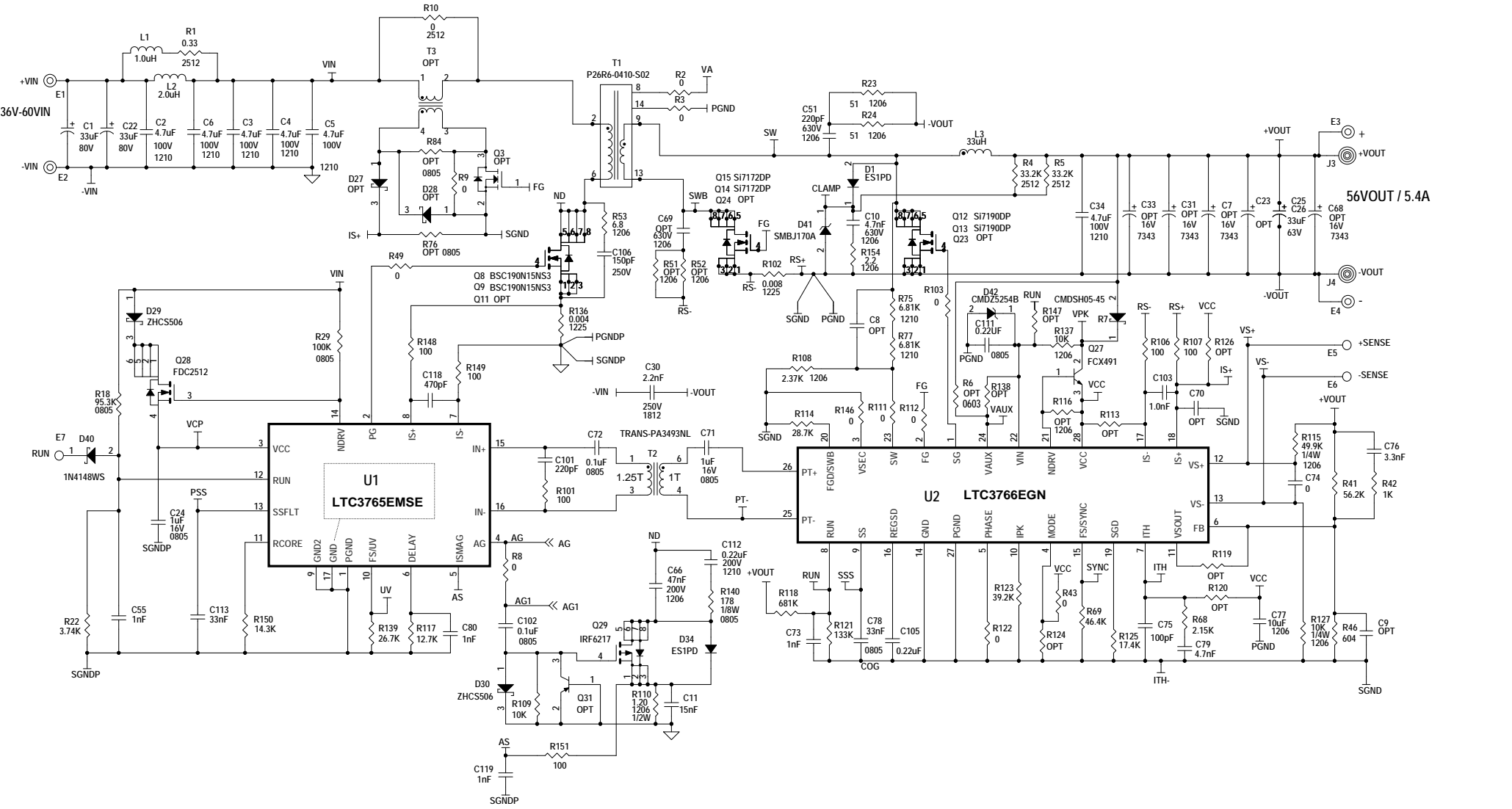


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	DAVID B.	11-10-16

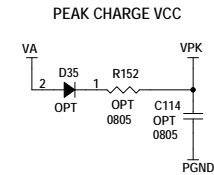
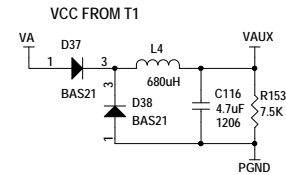
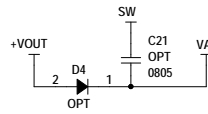
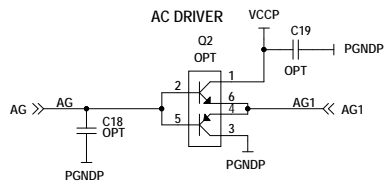
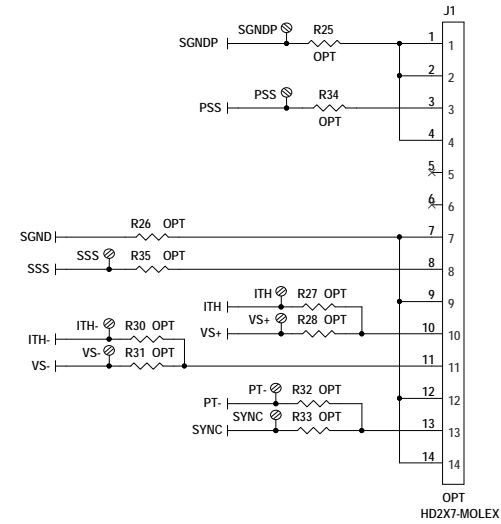
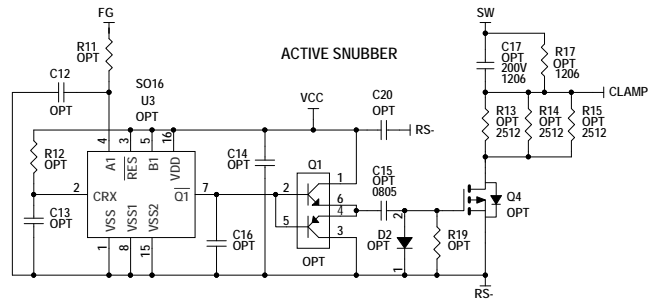


NOTE:
 4.7uF 25V AVX, 1206C3475KAT2A (X7R 1206)
 2.2nF 250V Murata GA343QR7GD222KW01L (X7R 1812)
 33uF 63V PANASONIC, EEHZA1J330P (8x10mm)
 33uF 80V PANASONIC, EEHZA1K330P (10x10mm)
 D41 170V FAIRCHILD, SMBJ170A
 L1 Coilcraft XPL2010-102ML
 L2 Vishay IHL P4040DZER2R0M11
 L3 Wurth 7449643300
 L4 Coiltronics SD25-681
 0.004 Ohm Susumu KRL6432D-M-R004-F-T5 (1225)
 0.008 Ohm Susumu KRL6432D-M-R008-F-T5 (1225)
 R110 SUSUMU, RL1632S-1R20-F (1206)
 T1 Champs, P26R6-0410-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)341-0507 LTC Confidential-For Customer Use Only	
<small>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.</small>					
PCB DES.	LT	TITLE:	SCHEMATIC		
APP ENG.	DAVID B.	ACTIVE CLAMP FORWARD CONVERTER WITH DIRECT FLUX LIMIT			
SIZE	N/A	IC NO.	LTC3765EMSE / LTC3766EGN		REV. 2
SCALE	NONE	DATE:	Thursday, November 10, 2016		SHEET 1 OF 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.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

PCB DES.	LT
APP ENG.	DAVID B.
SCALE = NONE	



1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)321-1900 www.linear.com
Fax: (408)334-0507
LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC
**ACTIVE CLAMP FORWARD CONVERTER
WITH DIRECT FLUX LIMIT**

SIZE	IC NO. LTC3765EMSE / LTC3766EGN	REV.
N/A	DC2199B-C	2

DATE: Wednesday, November 09, 2016 SHEET 2 OF 2