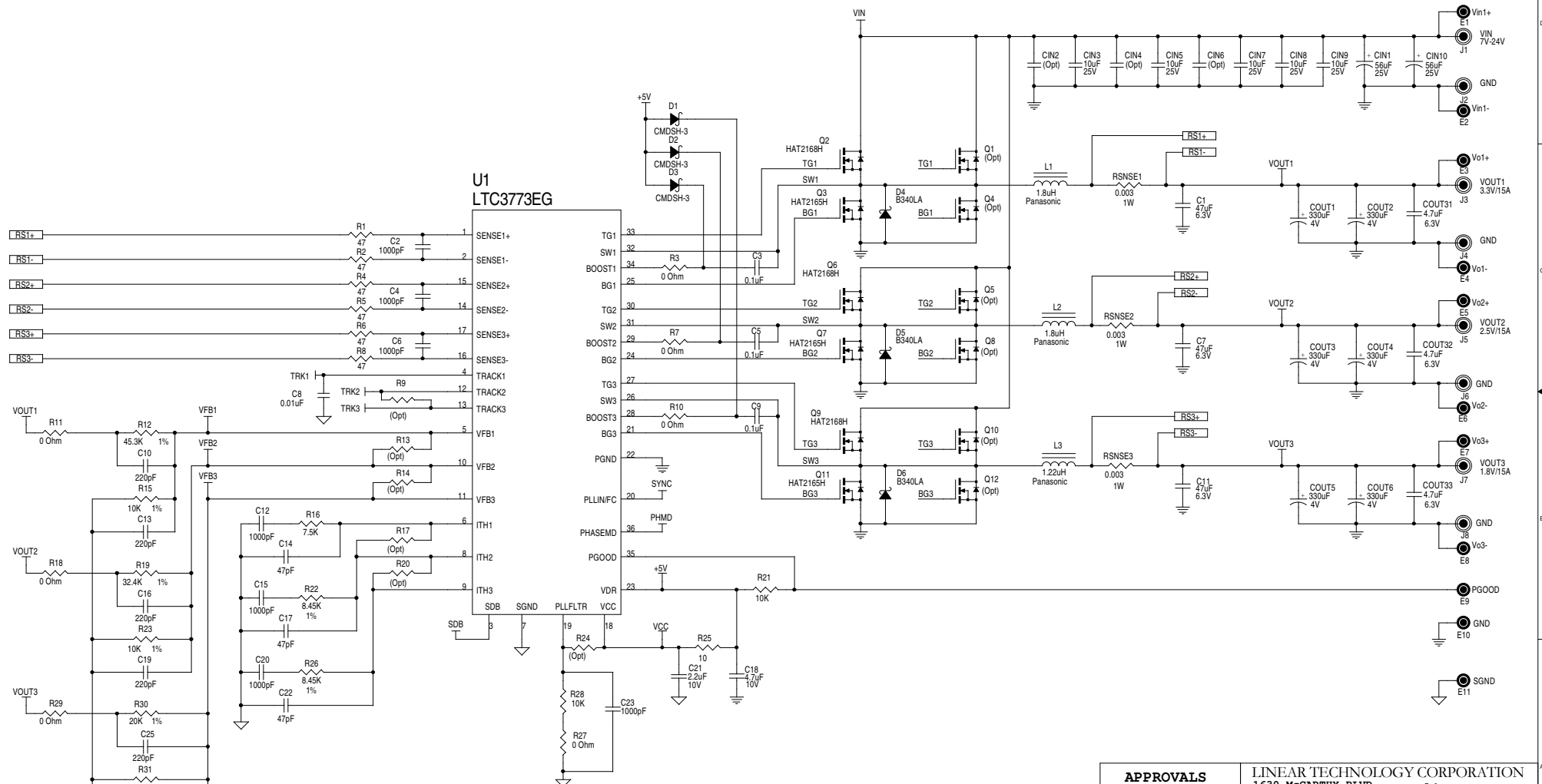
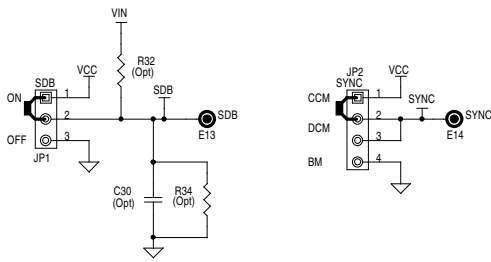


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	0	1st PROTOTYPE		
	1	Value change (R1,R2,R4-R6,R8) Added (COUT31-COUT33)	10/24/06	Mike Shriver
	2	Value change (R16,R22,R6,R40) Value change (C10,C12-C17,C19-C22,C26)	02/05/07	Mike Shriver



This circuit is proprietary to Linear Technology and supplied for use with Linear Technology parts.  
**Customer Notice:** Linear Technology has made a best effort to design a circuit that meets customer-supplied specifications; however, it remains the customers 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 Applications Engineering for assistance.

APPROVALS		LINEAR TECHNOLOGY CORPORATION	
<b>DRAWN:</b> Rudy Bautista		1630 MCCARTHY BLVD	MILPITAS, CA. 95035
<b>ENGINEER:</b> Mike Shriver		www.linear.com	
<b>APPROVED:</b>		LTC Confidential -	
<b>CHECKED:</b>		(408) 434-0507 (FAX) For Customer Use Only	
		<b>Polyphase 3-Output Step-Down Supply with Tracking</b>	
		<b>DEMO CIRCUIT 908A</b>	
Date: Tuesday, May 08, 2007		Sheet: 1	Rev: 3

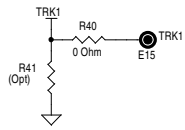
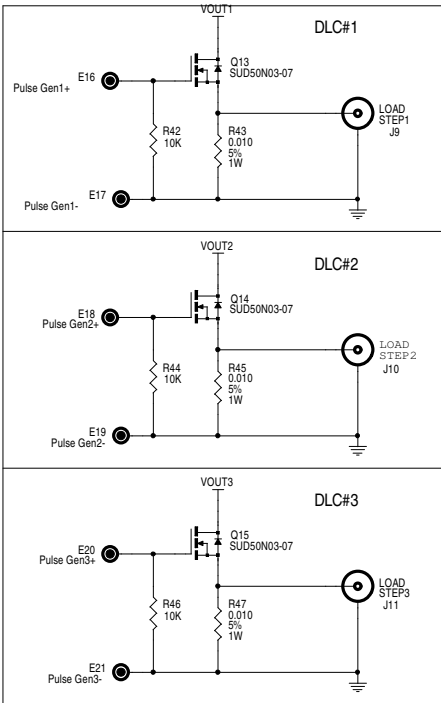


PHASE MODE TABLE

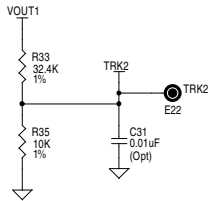
PHASE MODE	SYNC	TG1	TG2	TG3
LOW	0	0	120	240
HIGH	0	0	90	270

(SEE TABLE)

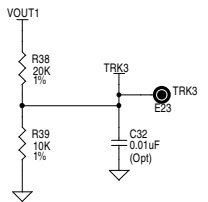
### Dynamic Load Circuits



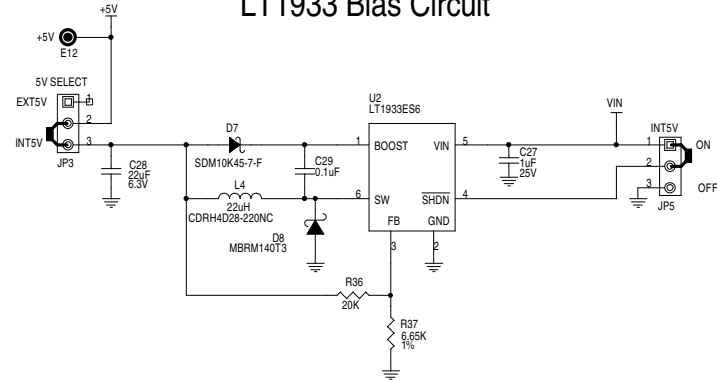
VOUT2 TO VOUT1 TRACKING



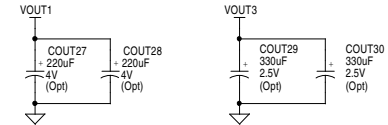
VOUT3 TO VOUT1 TRACKING



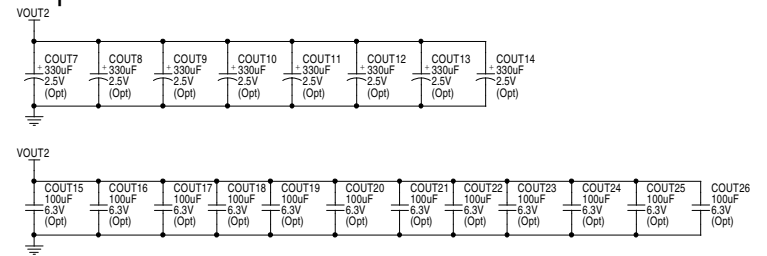
### LT1933 Bias Circuit



### Optional Cout for Phase 1 & 3.



### Optional Cout for Combined Phases



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APPROVALS		LINEAR TECHNOLOGY CORPORATION	
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APPROVED:	CHECKED:	www.linear.com LTC Confidential - For Customer Use Only	
		Title: <b>Polyphase 3-Output Step-Down Supply with Tracking</b>	
		Size: Document Number	Rev: 3
		DEMO CIRCUIT 908A	
		Date: Tuesday, May 08, 2007	Sheet 2 of 2