



**NOTES: UNLESS OTHERWISE SPECIFIED**

1. TO DISABLE OPTIONAL FAST START:  
REMOVE C12, D8, D9, R8, R9, R11, R15, Q9, Q11; ADD R25 = 20K.
2. TO DISABLE OPTIONAL DIFFERENTIAL SENSE:  
REMOVE R12, R14, R19-22, U1; ADD R28 = 0 OHM.
3. ALL RES. ARE IN OHMS, 0603. ALL CAP. ARE 0603.  
ALL DIODES ARE MMBD914BLT1.  
ALL NPNs ARE MMBT3904LT1.  
ALL PNP's ARE MMBT3906LT1.

CONTRACT NO.	1630 McCarthy Blvd. Milpitas, CA 95035		
APPROVALS	Phone: (408)432-1900		
DRAWN: KIM T.	Fax: (408)434-0507		
CHECKED:	LTC Confidential-For Customer Use Only		
APPROVED:	TITLE: <b>ISOLATED SYNCHRONOUS FORWARD CONVERTER</b>		
ENGINEER: BOB S.	SIZE A	DWG NO. DC479A-1	REV A
DESIGNER:	LT13781EG/LTC1698EGN/LT1783CS5		DATE: Tuesday, September 24, 2002
			SHEET 1 OF 1