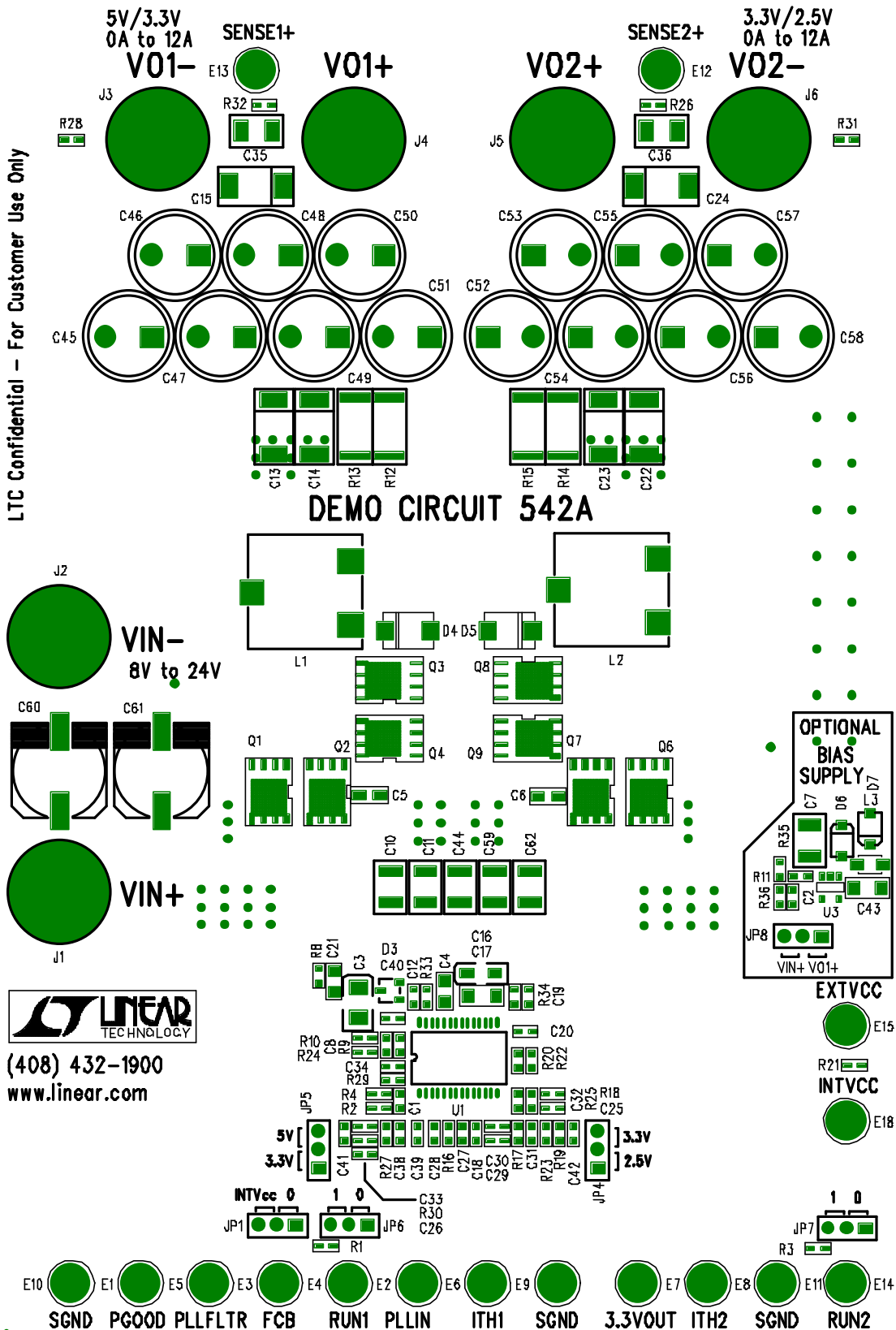


Assembly Top Drawing

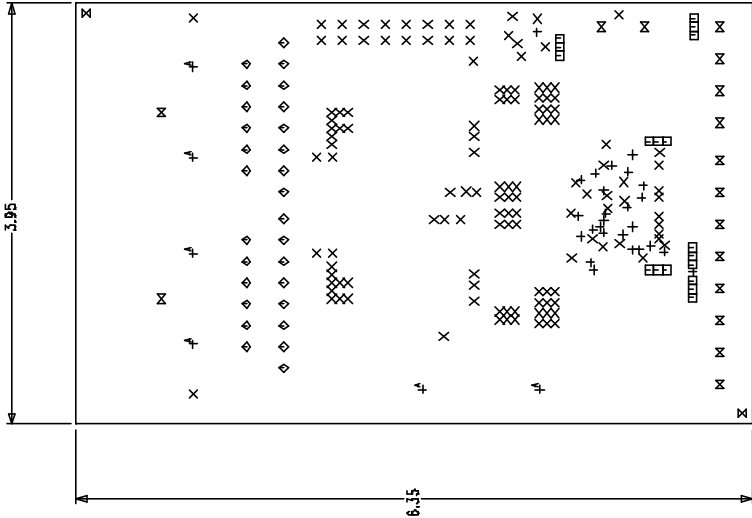
LTC3728EG

DUAL 2-PHASE SYNCHRONOUS STEP-DOWN REGULATOR

LTC Confidential – For Customer Use Only



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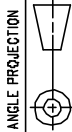
- NOTES: UNLESS OTHERWISE SPECIFIED,
1. ARTWORK P/N: DC542A REV 4.
 2. FAB PER IPC-A-600
 3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
CORE $\pm 1/2$.005 INCH THICKNESS WITH 2 OZ.
COPPER FINISH ON TWO OUTER LAYERS AND
1 OZ. COPPER ON TWO INTERNAL LAYERS.
FLAMABILITY RATING 91 V-2 MINIMUM.
 4. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DIMENSIONS.
 5. BOARD: SELECTIVE PLATED THROUGH HOLES (PTH)
WITH COPPER. PLATING COLOR: GREEN OR
WHITE (IN UNIFORM) (GURKON) BOTH SIDES.
SILKSCREEN COMPONENT SIDE WITH WHITE NON-
CONDUCTIVE INK.
PLATE THRU ALL HOLES WITH COPPER
MIN. PLATING THICKNESS: 1 OZ. EXCEPT
WHERE PLATING NOT REQUIRED
 6. DRILL: ALL HOLES SHALL BE DRILLED $\pm 1/2$.005 INCH
WITH RESPECT TO THE DRILLING TOLERANCE.
ALL HOLES FINISHED SIZE AFTER PLATING.
 7. DROP ALL UNFINISHED PADS ON INNER LAYERS.
 8. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

HOLE LEGEND

TOLERANCE	SIZE	QTY	SYM	PLTD
$\pm 1/2$.003	10	28	+	PLTD
$\pm 1/2$.003	20	152	X	PLTD
$\pm 1/2$.005	35	8	□	PLTD
$\pm 1/2$.005	40	28	◇	PLTD
$\pm 1/2$.005	70	2	⊗	INPLTD
$\pm 1/2$.001	85	8	⊗	PLTD
$\pm 1/2$.001	95	8	A	PLTD

1. COMPONENT SIDE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE $\pm 1^\circ$
2 PLACES $\pm .01$ 3 PLACES $\pm .005$
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994



DO NOT SCALE DRAWING

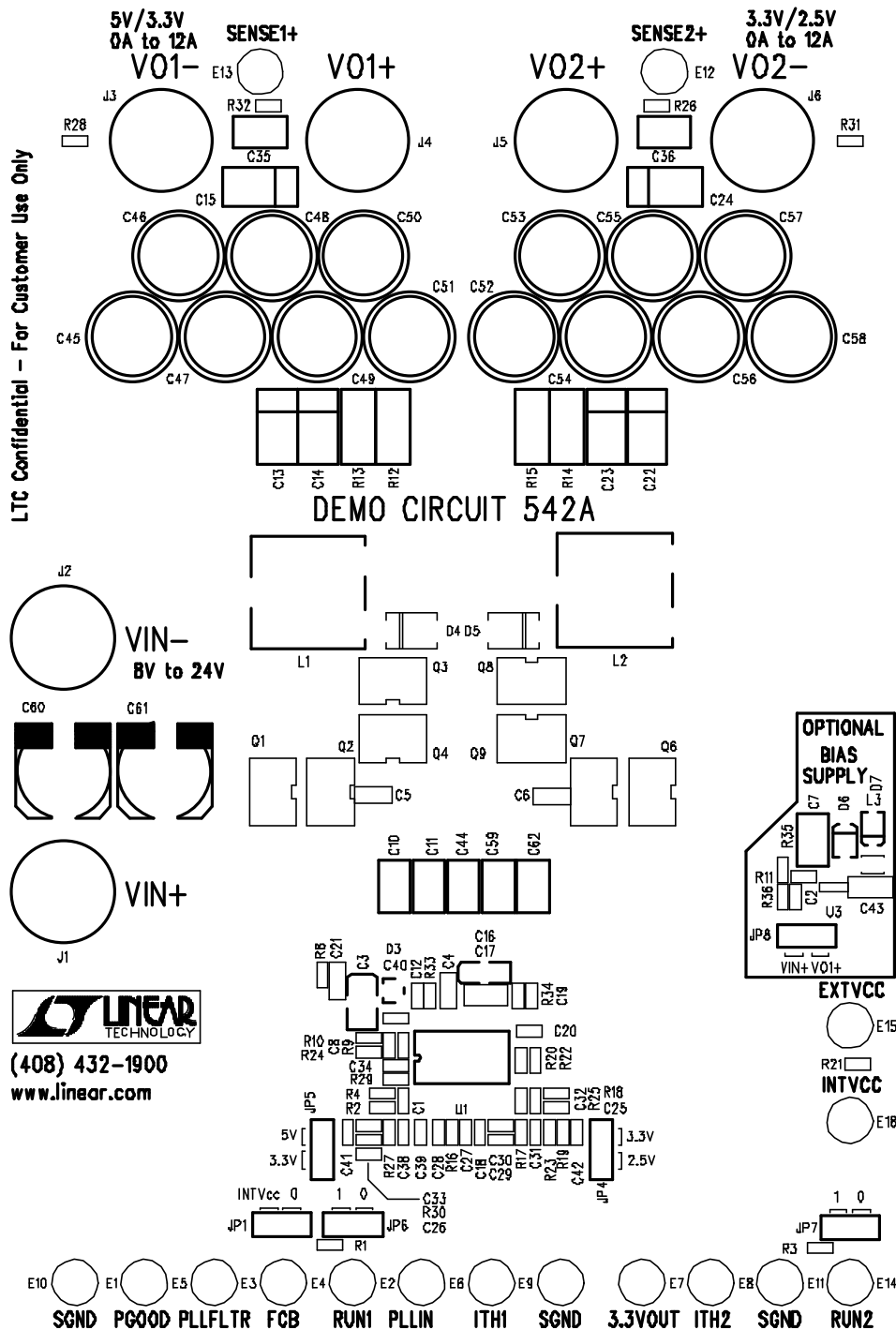
CONTRACT NO		DATE	
APPROVALS		08-10-02	
DRAWN		MEI	
DESIGNED			
CHECKED			
DRAWN			
SIZE		CAGE CODE	DWG NO
B			DC542A
SCALE		1/1	FILE NAME: 942A-4P08
			SHEET 1 OF 1
			REV 4



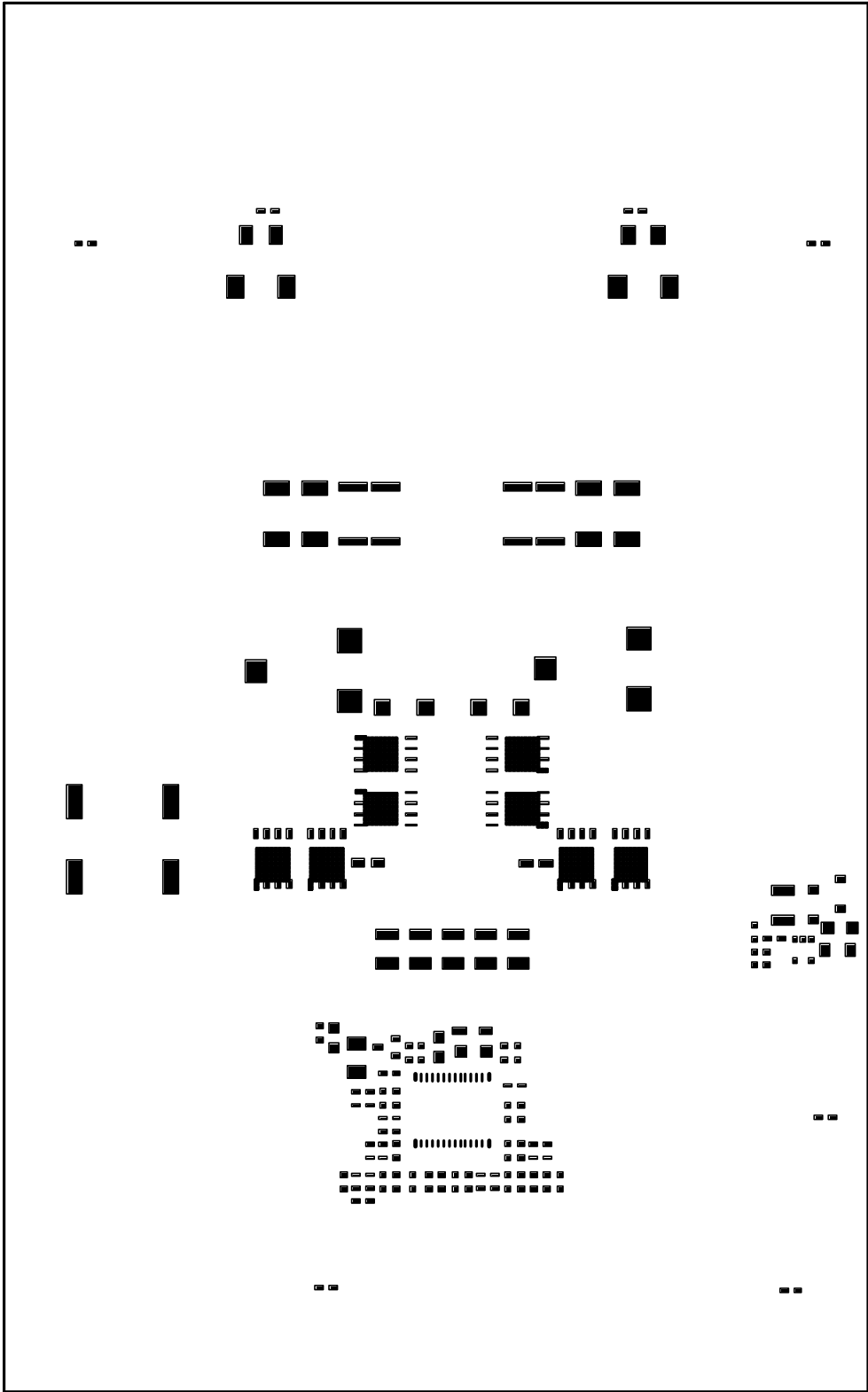
FAB, LTC3728EG DEMO PCB

LTC3728EG

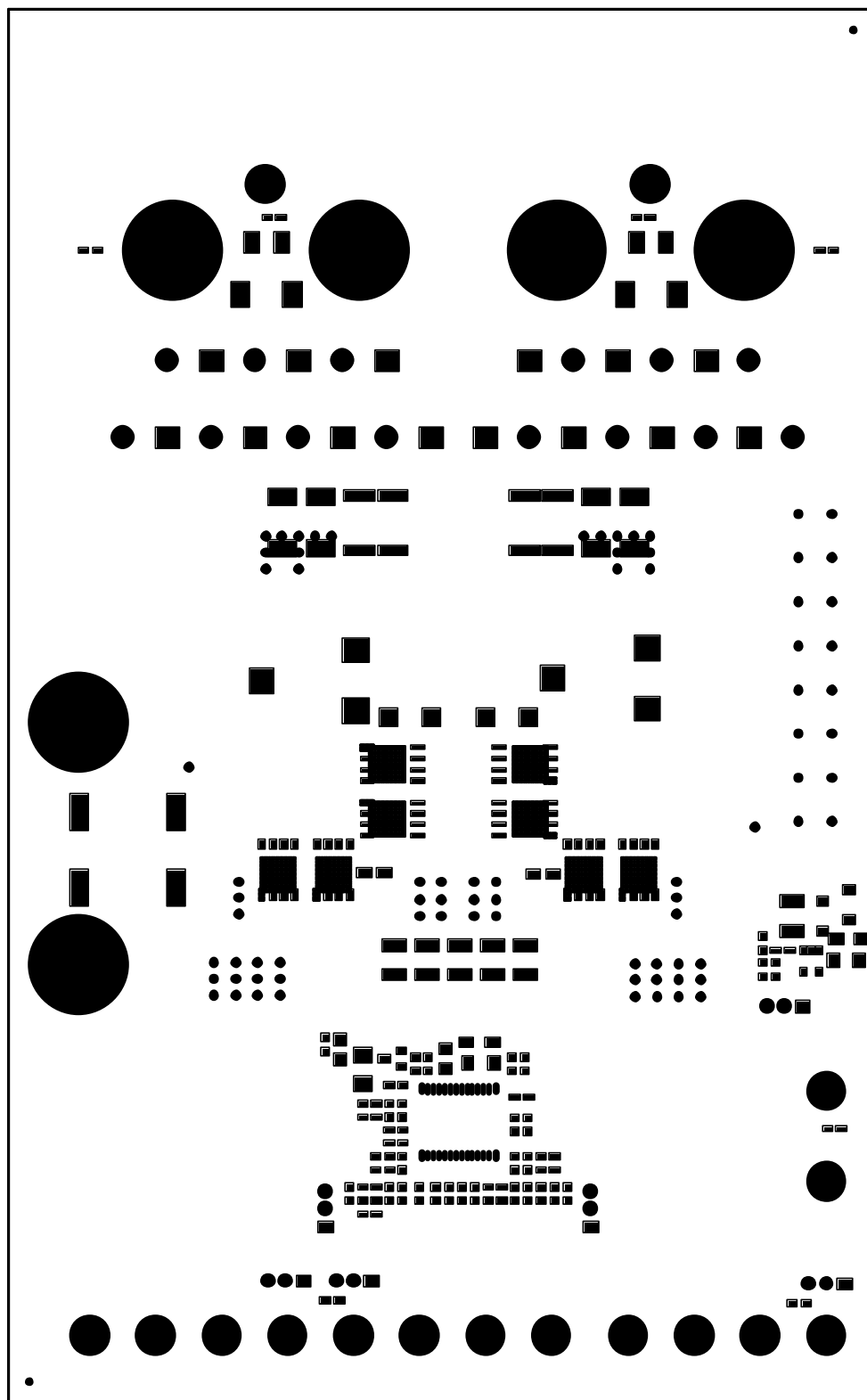
DUAL 2-PHASE SYNCHRONOUS STEP-DOWN REGULATOR



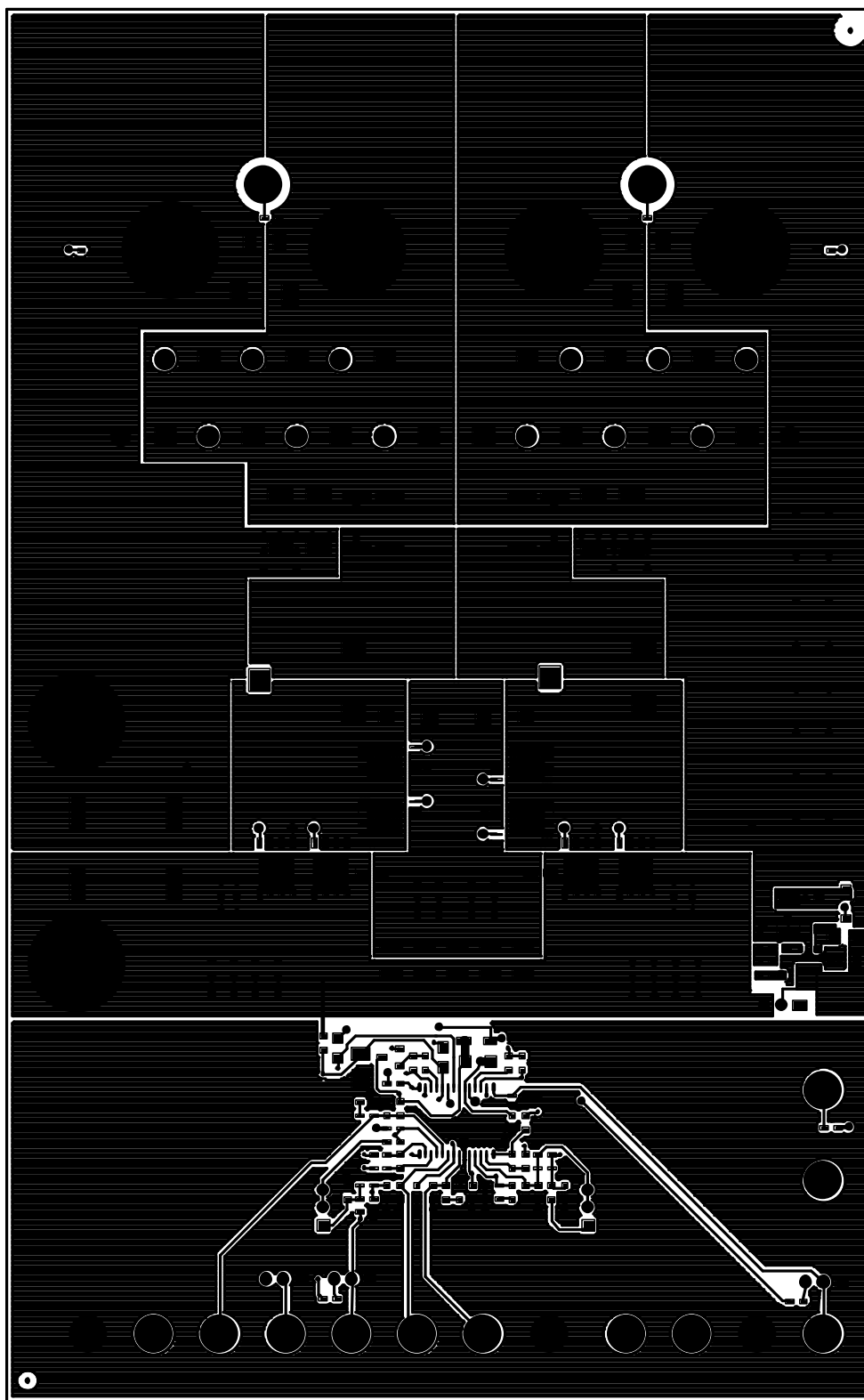
COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
DSNR:	MEI	SHT OF 10	DATE: 01/06/03



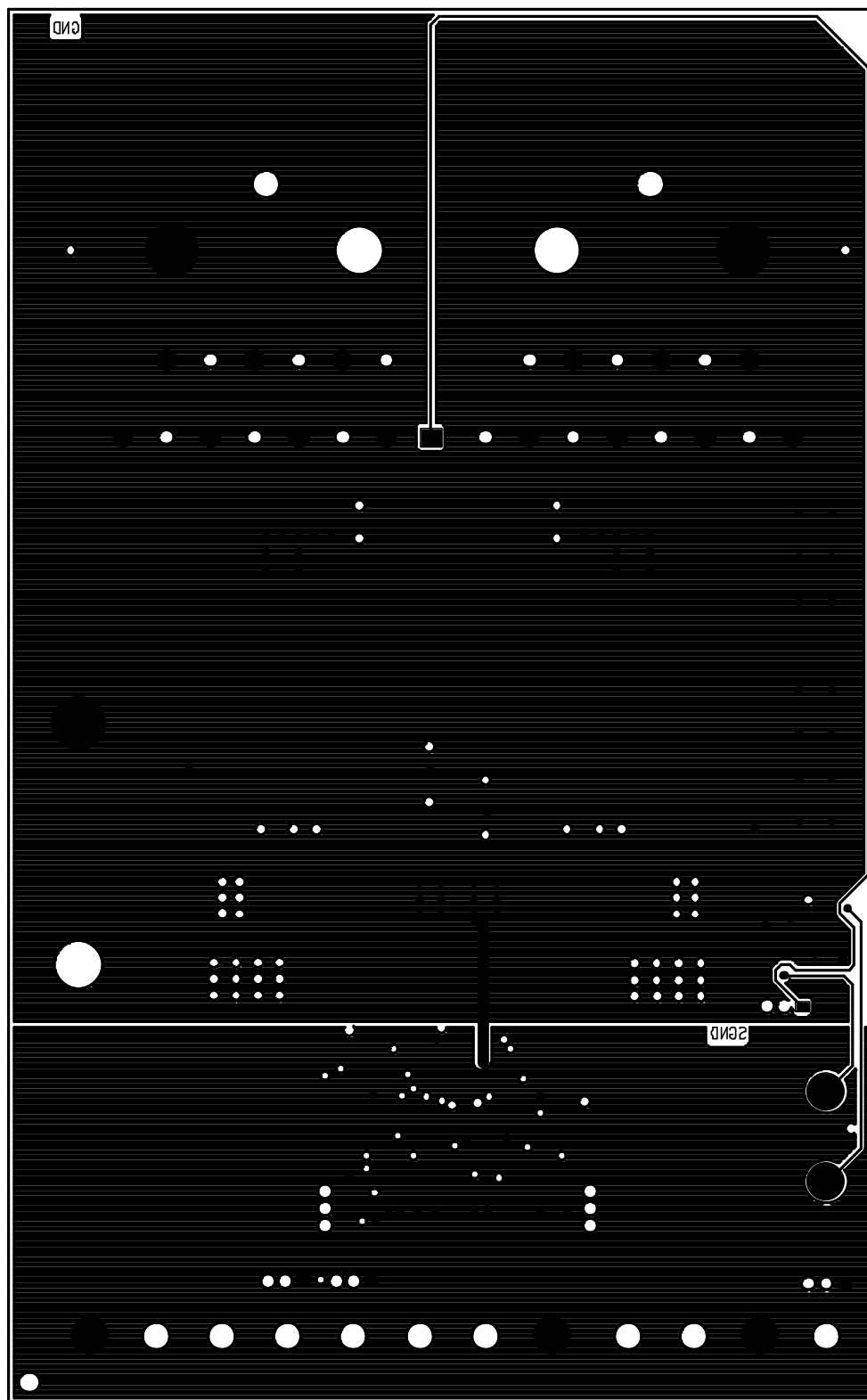
COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
DSNR: MEI	SHT OF 10	DATE: 01/06/03	



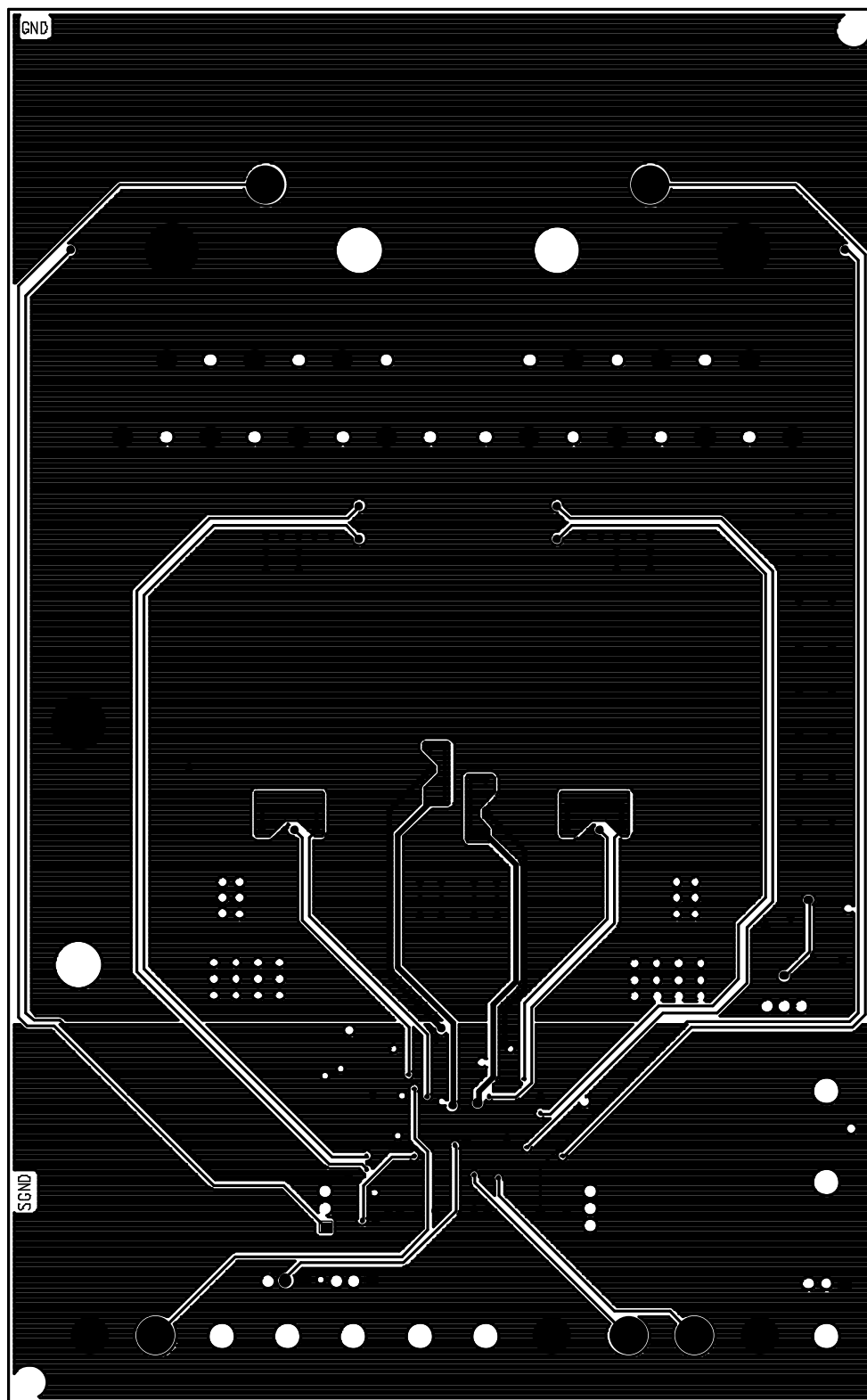
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DSNR: MEI		SHT OF 10	DATE: 01/06/03



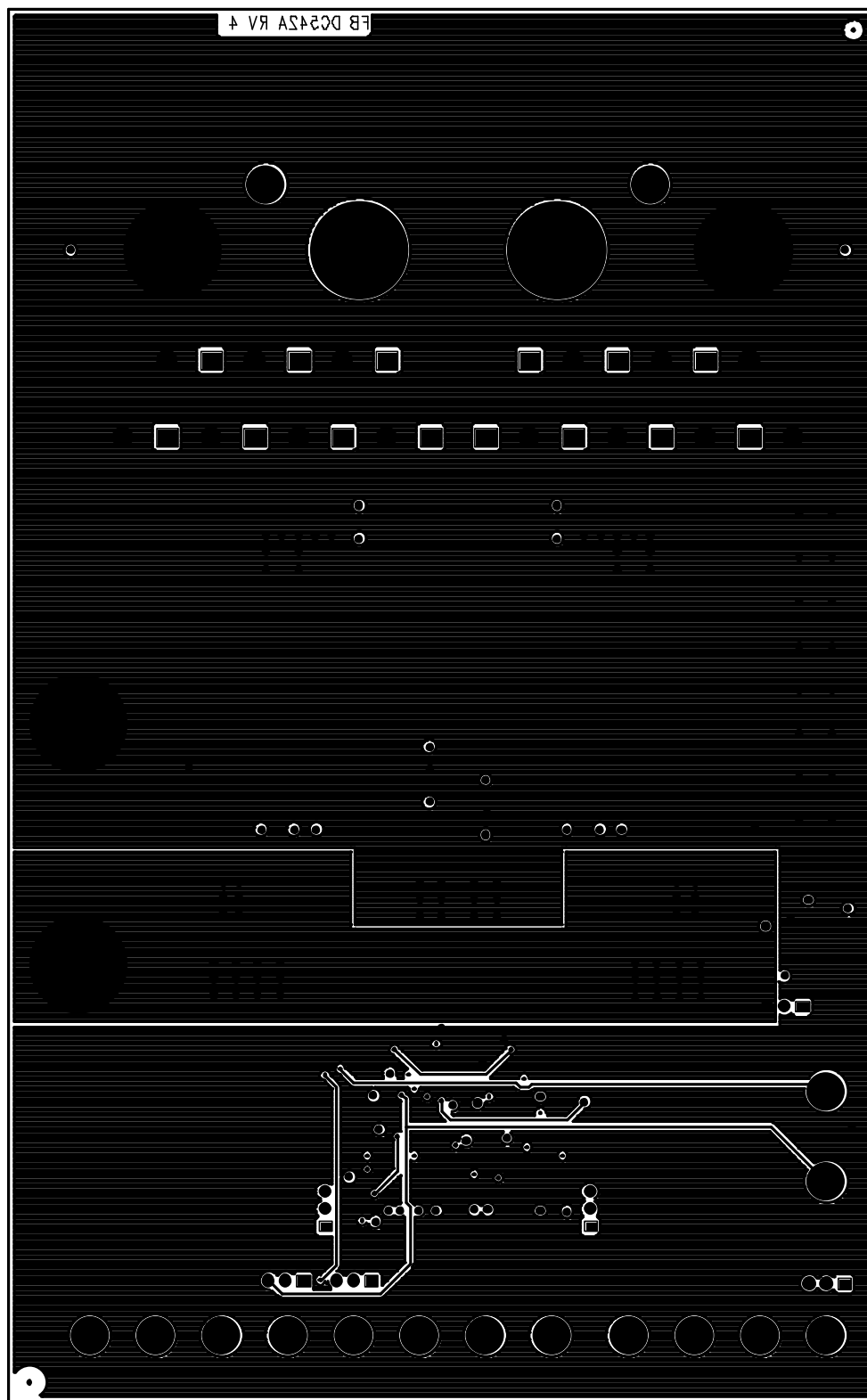
COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
L1-COMPONENT SIDE			
DSNR: MEI		SHT 1 OF 10	DATE: 01/06/03



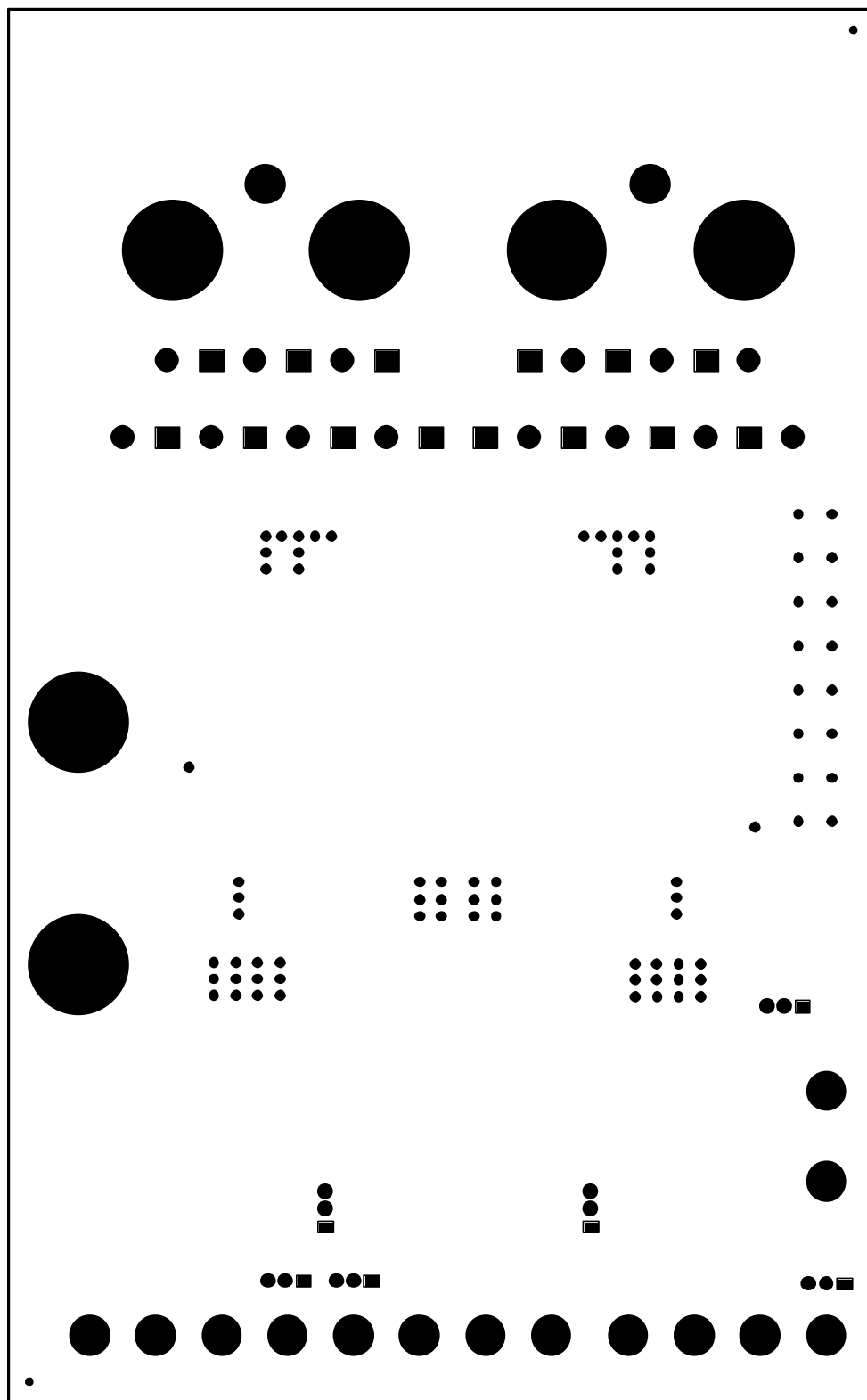
COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
L2-GND PLANE			
DSNR: MEI	SHT 2 OF 10	DATE: 01/06/03	



COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
		L3-GND PLANE	
DSNR:	MEI	SHT 3 OF 10	DATE: 01/06/03



COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
		1-4-SOLDER SIDE	
DSNR: MEI		SHT 4 OF 10	DATE: 01/06/03



COMPANY LINEAR TECHNOLOGY CORPORATION			
TITLE A/W, LTC3728EG DEMO PCB		NO. DC542A	REV 4
DSNR: MEI		SHT OF 10	DATE: 01/06/03