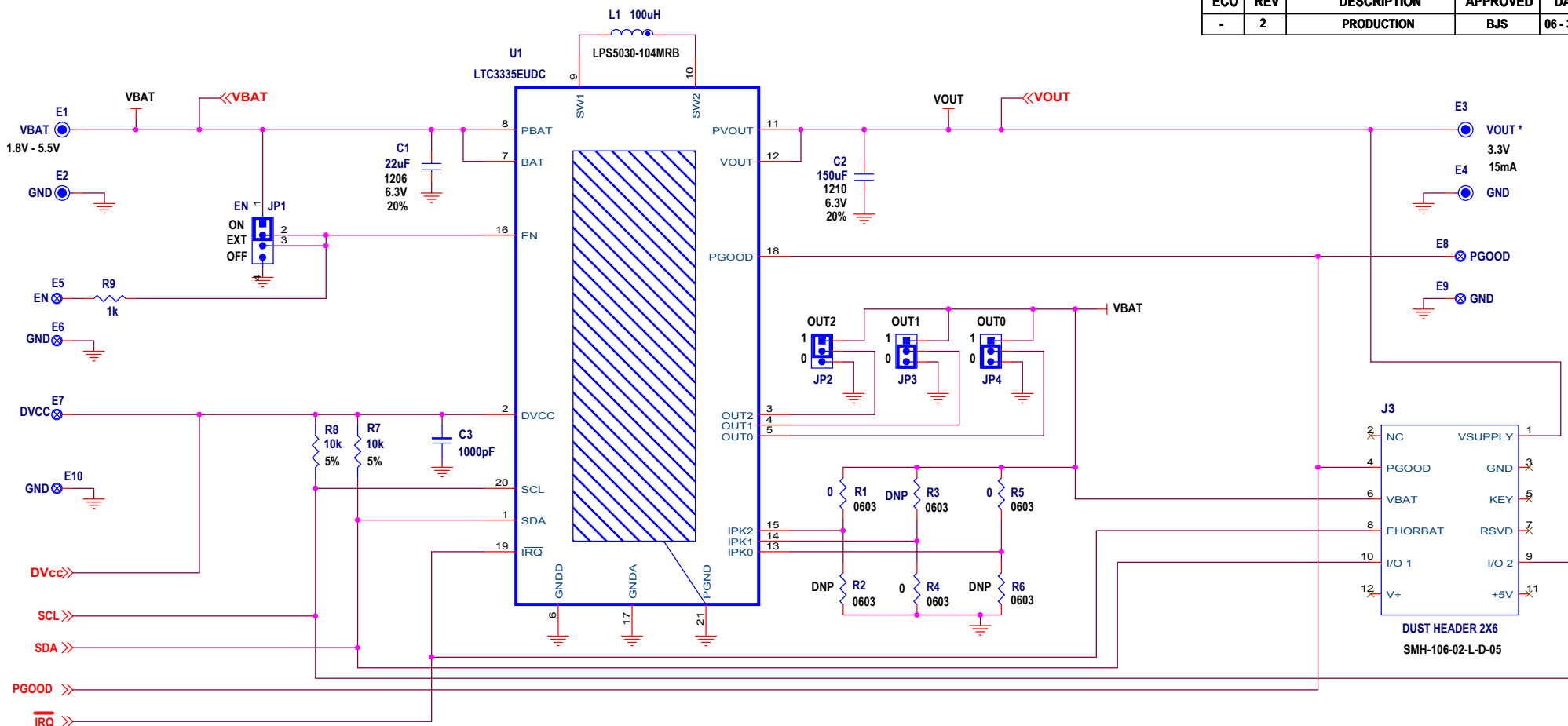


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	BJS	06 - 30 - 15



*OUTPUT VOLTAGE SELECTION

OUT2	OUT1	OUT0	VOUT
0	0	0	1.8V
0	0	1	2.5V
0	1	0	2.8V
0	1	1	3.0V
1	0	0	3.3V
1	0	1	3.6V
1	1	0	4.5V
1	1	1	5.0V

D

IPEAK SELECTION INSTALL

IPK2	IPK1	IPK0	IPEAK	L1
R2	R4	R6	5mA	2200uH
R2	R4	R5	10mA	1000uH
R2	R3	R6	15mA	680uH
R2	R3	R5	25mA	470uH
R1	R4	R6	50mA	220uH
R1	R4	R5	100mA	100uH
R1	R3	R6	150mA	68uH
R1	R3	R5	250mA	47uH

D

D = DEFAULT VALUE

NOTES: UNLESS OTHERWISE SPECIFIED
1. RESISTORS: OHMS, 0402, 1%, 1/16W
2. CAPACITORS: 0402, 10%, 50V

CUSTOMER NOTICE		APPROVALS				NANOPower BUCK-BOOST DC/DC WITH INTEGRATED COULOMB COUNTER	
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.	NC				
		APP ENG.	BJS	TITLE: SCHEMATIC			
				SIZE		IC NO.	
				N/A		LTC3335EUD	
				DATE:		06 - 30 - 15	
				SCALE = NONE		SHEET 1 OF 2	
						REV. 2	

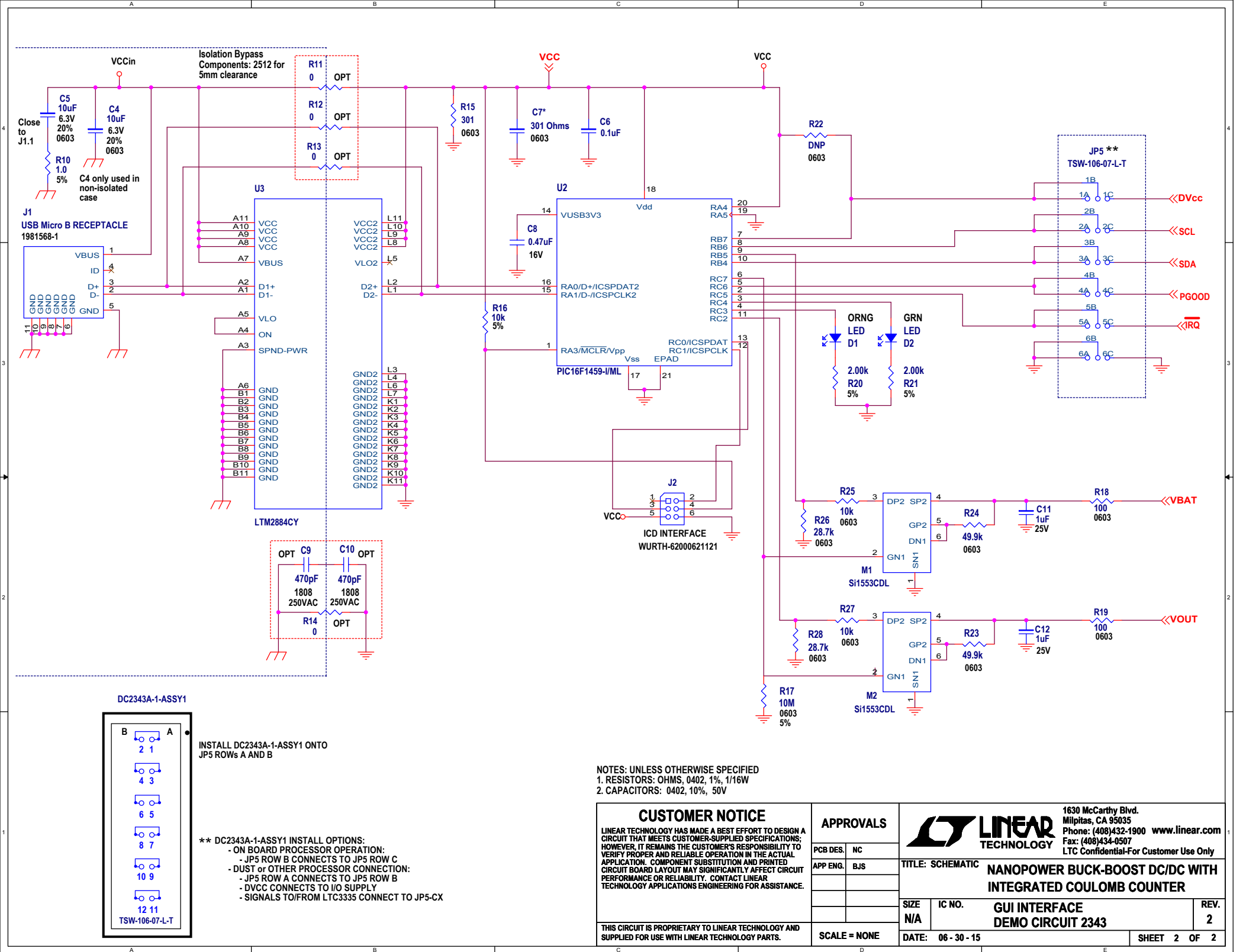
1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900 www.linear.com
Fax: (408)434-0507
LTC Confidential-For Customer Use Only



NANOPower BUCK-BOOST DC/DC WITH INTEGRATED COULOMB COUNTER

SIZE: N/A IC NO.: LTC3335EUD
LTC DEMO CIRCUIT 2343

DATE: 06 - 30 - 15 SHEET 1 OF 2



Linear Technology Corporation

LTC3335EUDC#PBF

ENGR: B. Shaffer (011-087-0320)

BILL OF MATERIALS

DC2343A-2

QTY- 300

8/18/2015

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty	Pkg Qty	Bal.	Parts/Purch.
				NUMBER OF BOARDS =	300			
1	1	C1	CAP, CHIP, X5R, 22uF, 20%, 6.3V, 1206	Samsung, CL31A226MQHNNNE	300		-300	
2	1	C2	CAP, CHIP, X5R, 150uF, 20%, 6.3V, 1210	Samsung, CL32A157MQVNNNE	300		-300	
3	1	C3	CAP, CHIP, X5R, 1000pF, ±10%, 50V, 0402	TDK, C1005X5R1H102K050BA	300		-300	
4	2	C4, C5	CAP, CHIP, X5R, 10uF, ±20%, 6.3V, 0603	MURATA, GRM188R60J106ME47D	600		-600	
5	1	C6	CAP, CHIP, X7R, 0.1uF, ±10%, 50V, 0402	TDK, C1005X7R1H104K050BB	300		-300	
6	1	C7*	*RES,CHIP, 301,1/10W,1%,0603	VISHAY, CRCW0603301RFKEA	300		-300	
7	1	C8	CAP, CHIP, X5R, 0.47uF, ±10%, 16V, 0402	TDK, C1005X5R1C474K050BC	300		-300	
8	0	C9 (OPT), C10 (OPT)	CAP., X7R, 470PF, 250VAC, 10%, 1808	MURATA, GA342QR7GF471KW01L	0		0	
9	2	C11,C12	CAP, CHIP, X5R, 1uF, ±10%, 25V, 0402	MURATA, GRM155R61E105KA12	600		-600	
10	1	D1	LED, YELLOW ORANGE CLEAR, 0603, SMD	LITE-ON, LTST-C190KFKT	300		-300	
11	1	D2	LED, GREEN CLEAR, 0603, SMD	LITE-ON, LTST-C190KGKT	300		-300	
12	4	E1, E2, E3, E4	TURRET, 0.09 DIA	MILL-MAX, 2501-2-00-80-00-00-07-0	1200		-1200	
13	6	E5, E6, E7, E8, E9, E10	TURRET, 0.061 DIA	MILL-MAX, 2308-2-00-80-00-00-07-0	1800		-1800	
14	1	JP1	HEADER, 2MM, 1X4POS	SAMTEC, TMM-104-02-L-S	300		-300	
15	3	JP2, JP3, JP4	HEADER, 2MM, 1X3POS	SAMTEC, TMM-103-02-L-S	900		-900	
16	4	JP1, JP2, JP3, JP4	SHUNT, 2MM	SAMTEC, 2SN-KB-G	1200		-1200	
17	1	JP5	HEADER UNSHROUDED, 3X6, THRU-HOLE, VERT, 2.54mm	SAMTEC, TSW-106-07-L-T	300		-300	
18	1	J1	USB 2.0, Micro-B, RECEPTACLE, RT, SMT	TE CONNECTIVITY / AMP, 1981568-1	300		-300	
19	1	J2	HEADER, 2X3, 2mm, THT, DUAL PIN	WURTH ELECTRONIK, 62000621121	300		-300	
20	1	J3	HEADER, 2.54mm, 12 PIN, DUST HEADER, 2X6, Key at pin #4	SAMTEC, SMH-106-02-L-D-05	300		-300	
21	1	L1	IND, SMT, 100uH, 0.600Ω, 310mA, 4.9mm X 4.9mm X 3mm	COILCRAFT, LPS5030-104MRB	300		-300	
22	2	M1, M2	MOSFET, N/P-CH, LOW-THRESOLD, 20V, 500mA, SC70-6	VISHAY, Si1553CDL-T1-GE3	600		-600	
23	3	R1, R4, R5	RES, CHIP, 0Ω jumper, 1/10W, 0603	VISHAY, CRCW06030000Z0ED	900		-900	
24	0	R2-OPT, R3-OPT, R6-OPT, R22-OPT	RES, CHIP, 0Ω jumper, 1/10W, 0603	VISHAY, CRCW06030000Z0ED	0		0	
25	3	R7, R8, R16	RES, CHIP, 10kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW040210K0JNED	900		-900	
26	1	R9	RES, CHIP, 1kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW04021K00JNED	300		-300	
27	1	R10	RES, CHIP, 1Ω, ±5%, 1/16W, 0402	VISHAY, CRCW04021R00JNED	300		-300	
28	0	R11,R12,R13,R14 (OPT)	RES, CHIP, 0 OHM, 2512, 1.0W	VISHAY, CRCW25120000Z0EG	0		0	
29	1	R15	RES,CHIP, 301,1/10W,1%,0603	VISHAY, CRCW0603301RFKEA	300		-300	
30	1	R17	RES,CHIP, 10M,1/10W,5%,0603	VISHAY, CRCW060310M0JNEA	300		-300	
31	2	R18, R19	RES,CHIP, 100,1/10W,1%,0603	VISHAY, CRCW0603100RFKEA	600		-600	
32	2	R20,R21	RES, CHIP, 2kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW04022K00JNED	600		-600	
33	2	R23, R24	RES,CHIP, 49.9k,1/10W,1%,0603	VISHAY, CRCW060349K9FKEA	600		-600	
34	2	R25, R27	RES,CHIP, 10.0k,1/10W,1%,0603	VISHAY, CRCW060310K0FKEA	600		-600	
35	2	R26, R28	RES,CHIP, 28.7k,1/10W,1%,0603	VISHAY, CRCW060328K7FKEA	600		-600	
36	1	U1	IC, SMT, NANOPOWER BUCK-BOOST WITH COULOMB	LINEAR TECH., LTC3335EUDC#PBF	300		-300	
37	1	U2	8 BIT MICROCONTROLLER WITH XLP USB, 4x4mm, QFN20	MICROCHIP, PIC16F1459-I/ML	300		-300	
38	1	U3	uMODULE, ISOLATED USB TRANCEIVER WITH POWER,	LINEAR TECH., LTM2884CY#PBF	300		-300	
39	4		STAND-OFF, NYLON (SNAP ON), 0.375" TALL	KEYSTONE, 8832 (SNAP ON)	1200		-1200	
40	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT DC2343A-2	300		-300	
41	2		STENCIL - TOP & BOTTOM	DC2343A-2	2		-2	
42	1	DC2343A-1-ASSY1	EMBEDDED uC CONNECT JUMPER (JP5 mate)	LINEAR TECH, DC2343A-1-ASSY1	300		-300	

Linear Technology Corporation

LTC3335EUDC#PBF
ENGR: B. Shaffer (011-087-0320)

BILL OF MATERIALS
DEMO BD. #DC2343A-1-ASSY1
QTY:300
8/18/2015

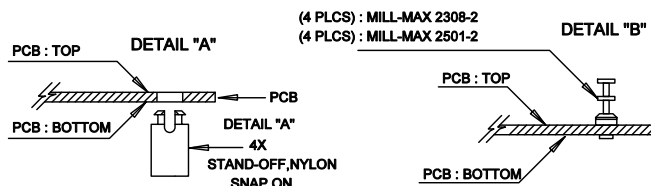
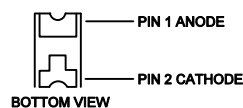
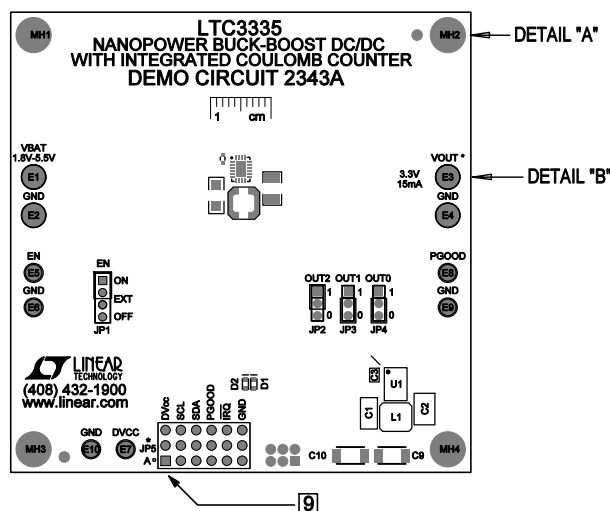
Item	Qty	Reference	Part Description	Manufacturer / Part #	Pkg Qty
				NUMBER OF BOARDS =	300
1	1	JP1	SOCKET HEADER, 2x6, 2.54MM	WURTH ELECTRONIK, 613 012 218 21	300
1	1	PCB	FAB, PRINTED CIRCUIT BOARD	DC2343A-PCB1	300

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	CAP, CHIP, X5R, 22uF, 20%, 6.3V, 1206	Samsung, CL31A226MQHNNNE
2	1	C2	CAP, CHIP, X5R, 150uF, 20%, 6.3V, 1210	Samsung, CL32A157MQVNNNE
3	1	C3	CAP, CHIP, X5R, 1000pF, ±10%, 50V, 0402	TDK, C1005X5R1H102K
4	2	C4, C5	CAP, CHIP, X5R, 10uF, ±20%, 6.3V, 0603	MURATA, GRM188R60J106ME47D
5	2	C6	CAP, CHIP, X7R, 0.1uF, ±10%, 50V, 0402	TDK, C1005X7R1H104KT
6	1	C7*	*RES,CHIP, 301,1/10W,1%,0603	VISHAY, CRCW0603301RFKEA
7	1	C8	CAP, CHIP, X5R, 0.47uF, ±10%, 16V, 0402	TDK, C1005X5R1C474K
8	2	C11,C12	CAP, CHIP, X5R, 1uF, ±10%, 25V, 0402	MURATA, GRM155R61E105KA12
9	1	D1	LED, YELLOW ORANGE CLEAR, 0603, SMD	LITE-ON, LTST-C190KFKT
10	1	D2	LED, GREEN CLEAR, 0603, SMD	LITE-ON, LTST-C190KGKT
11	1	L1	IND, SMT, 100uH, 0.600Ω, 310mA, 4.9mm X 4.9mm X 3mm	COILCRAFT, LPS5030-104MRB
12	2	M1, M2	MOSFET, N/P-CH, LOW-THRESHOLD, 20V, 500mA, SC70-6	VISHAY, Si1553CDL
13	3	R1, R4, R5	RES, CHIP, 0Ω jumper, 1/10W, 0603	VISHAY, CRCW06030000Z0ED
14	3	R7, R8, R16	RES, CHIP, 10kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW040210K0JNED
15	1	R9	RES, CHIP, 1kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW04021K00JNED
16	1	R10	RES, CHIP, 1Ω, ±5%, 1/16W, 0402	VISHAY, CRCW04021R00JNED
17	1	R15	RES,CHIP, 301,1/10W,1%,0603	VISHAY, CRCW0603301RFKEA
18	1	R17	RES,CHIP, 10M,1/10W,5%,0603	VISHAY, CRCW060310M0JNEA
19	2	R18, R19	RES,CHIP, 100,1/10W,1%,0603	VISHAY, CRCW0603100RFKEA
20	2	R20,R21	RES, CHIP, 2kΩ, ±5%, 1/16W, 0402	VISHAY, CRCW04022K00JNED
21	2	R23, R24	RES,CHIP, 49.9k,1/10W,1%,0603	VISHAY, CRCW060349K9FKEA
22	2	R25, R27	RES,CHIP, 10.0k,1/10W,1%,0603	VISHAY, CRCW060310K0FKEA
23	2	R26, R28	RES,CHIP, 28.7k,1/10W,1%,0603	VISHAY, CRCW060328K7FKEA
24	1	U1	IC, SMT, NANOPOWER BUCK-BOOST WITH COULOMB	LINEAR TECH., LTC3335EUDC#PBF
25	1	U2	8 BIT MICROCONTROLLER WITH XLP USB, 4x4mm, QFN20	MICROCHIP, PIC16F1459-I/ML
26	1	U3	uMODULE, ISOLATED USB TRANCEIVER WITH POWER,	LINEAR TECH., LTM2884CY#PBF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
27	0	C9 (OPT), C10 (OPT)	CAP., X7R, 470PF, 250VAC, 10%, 1808	MURATA, GA342QR7GF471KW01L
28	0	C7 (OPT)	CAP, CHIP, X5R, 10uF, ±20%, 6.3V, 0603	MURATA, GRM188R60J106ME47D
29	0	R2-OPT, R3-OPT, R6-OPT	RES, CHIP, 0Ω jumper, 1/10W, 0603	VISHAY, CRCW06030000Z0ED
30	0	R11,R12,R13,R14 (OPT)	RES, CHIP, 0 OHM, 2512, 1.0W	VISHAY, CRCW25120000Z0EG
HARDWARE				
31	4	E1, E2, E3, E4	TURRET, 0.09 DIA	MILL-MAX, 2501-2-00-80-00-00-07-0
32	6	E5, E6, E7, E8, E9, E10	TURRET, 0.061 DIA	MILL-MAX, 2308-2-00-80-00-00-07-0
33	1	JP1	HEADER, 2MM, 1X4POS	SAMTEC, TMM-104-02-L-S
34	3	JP2, JP3, JP4	HEADER, 2MM, 1X3POS	SAMTEC, TMM-103-02-L-S
35	4	JP1, JP2, JP3, JP4	SHUNT, 2MM	SAMTEC, 2SN-KB-G
36	1	J1	USB 2.0, Micro-B, RECEPTACLE, RT, SMT	TE CONNECTIVITY, 1981568-1
37	1	J2	HEADER, 2X3, 2mm, THT, DUAL PIN	WURTH, 62000621121
38	1	J3	HEADER, 2.54mm, 12 PIN, DUST HEADER, 2X6, Key at pin #5	SAMTEC, SMH-106-02-L-D-05
39	1	JP5	HEADER UNSHROUDED, 3X6, THRU-HOLE, VERT, 2.54mm	SAMTEC, TSW-106-07-L-T
40	1	JP5 (MATE)	EMBEDDED uC CONNECT JUMPER (JP5 mate)	LINEAR TECH, DC2343A-1-ASSY1
41	4		STAND-OFF, NYLON (SNAP ON), 0.375" TALL	KEystone, 8832 (SNAP ON)

REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	2	PRODUCTION FAB	BJS	06-30-15

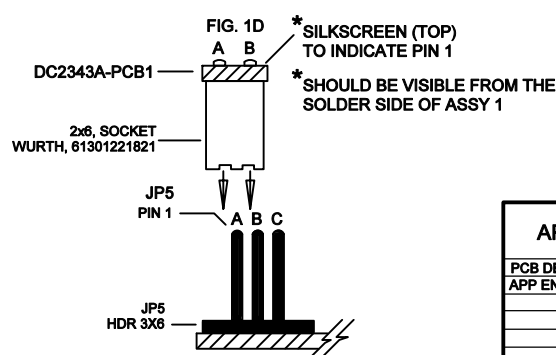
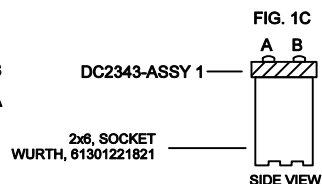
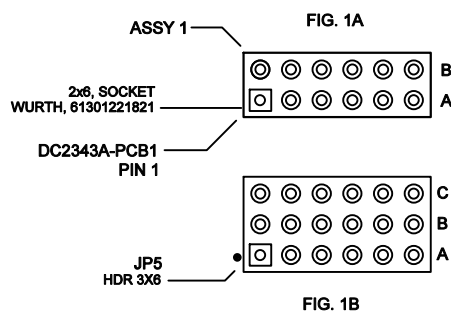
NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY REFLOW PROFILE SHALL BE IN ACCORDANCE WITH J-STD-020 WITH MAXIMUM SOLDER TEMPERATURE OF 250 DEGREES CELSIUS.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS
LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER.
MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS AS SHOWN ON ASSY DRAWING.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD.
7. INSTALL TURRETS, STAND-OFFS AND BANANA JACKS AS SHOWN BELOW:
8. INSTALL LED'S D1 AND D2 AS SHOWN:



9. INSTALLATION OF DC2343A-ASSY 1 FOR DC2343A, IS AS FOLLOWS:
REFER TO FIG. 1A, 1B, 1C AND 1D

- FOR ON BOARD PROCESSOR OPERATION PLUG ASSY 1 INTO JP5 ROWS C AND B.
- FOR DUST OR OTHER PROCESSOR CONNECTION PLUG DC2343A-1-ASSY1 INTO JP5 ROWS A AND B. CONNECT DVCC TO THE I/O SUPPLY OF THE EXTERNAL PROCESSOR. SIGNALS TO/FROM LTC3335 CONNECT TO JP5-AX.

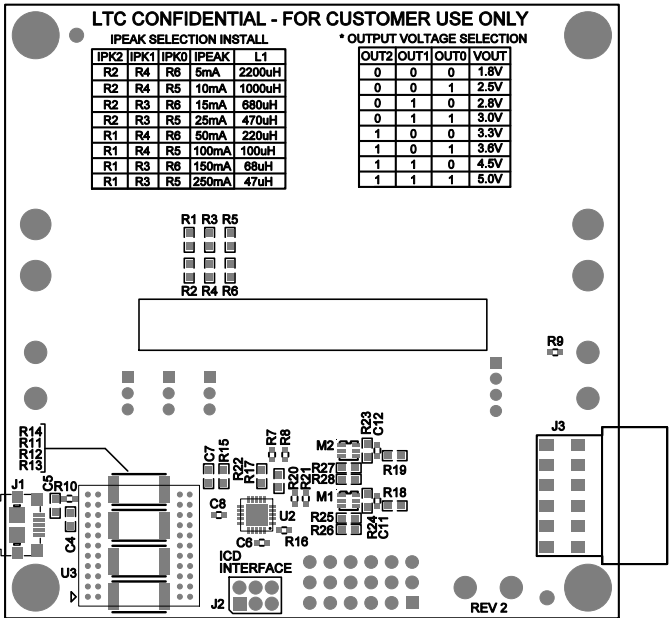
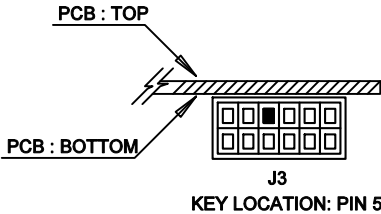


APPROVALS		LINEAR TECHNOLOGY	
PCB DES.	NC	TITLE: TOP ASSEMBLY DRAWING: NANOPOWER BUCK-BOOST DC/DC WITH INTEGRATED COULOMB COUNTER	
APP ENG.	BJS		
SIZE	N/A	IC NO. LTC3335EUD	REV. 2
SCALE = NONE	FILENAME: DC2343A-2.PCB	SHT 1 of 2	

NOTES: UNLESS OTHERWISE SPECIFIED

1. ENSURE HEADER KEY FOR J3 IS INSTALLED AND LOCATED AS SHOWN BELOW:

FRONT VIEW OF SMT HEADER



APPROVALS

PCB DES.	NC
APP ENG.	BJS



1830 MCCARTHY BLVD
MILPITAS, CA 95036
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TITLE: BOTTOM ASSEMBLY DRAWING:
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER

SIZE	IC NO.	LTC3335EUD	REV.
N/A		DEMO CIRCUIT 2343A	2

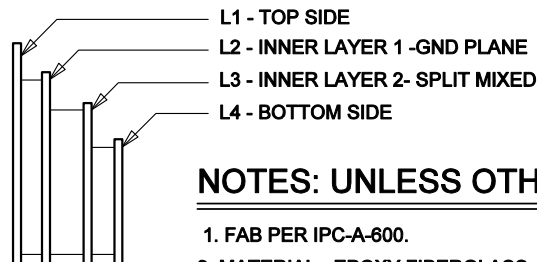
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FILENAME: DC2343A-2.PCB

SHT 2 of 2

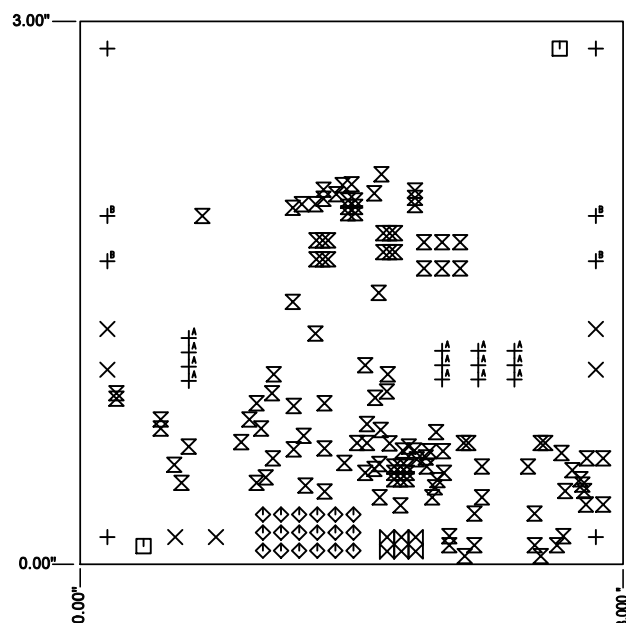
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	2	PRODUCTION FAB	BJS	06-30-15

LAYER STRUCTURE

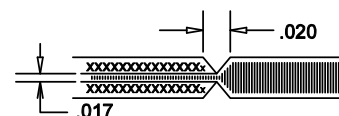


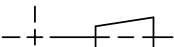
NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NEMA GRADE FR-4
-FINISHED THICKNESS TO BE 0.062" +/- .005"
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS
AND 2 OZ. CU ON THE INNER LAYERS.
-FLAMMABILITY RATING: 94 V-O MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DATUMS.
- DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH
HOLES WITH COPPER, 0.001" THICK MIN.
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
-HOLE LOCATION TOLERANCES ARE +/-0.003"
IN RELATION TO CENTER
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION BOTH SIDES.
(LEAD FREE SOLDER CAN BE USED FOR PROTOTYPE)
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- DO NOT ALTER SOLDER MASK MAINTAIN .0018" OVERSIZE
ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
- SCORING FOR PANELIZED PCB: "PRODUCTION FAB ONLY"



SIZE	QTY	SYM	PLATED	TOL
0.01	128	X	YES	+/-0.003
0.031	13	+	YES	+/-0.003
0.035	6	X	YES	+/-0.003
0.04134	18	◇	YES	+/-0.003
0.063	6	X	YES	+/-0.003
0.07	2	□	NO	+/-0.003
0.094	4	+	YES	+/-0.003
0.19	4	+	YES	+/-0.003

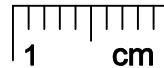


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE 1 : 0.00" = 0.01" 0.000" = 0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS		 LINEAR TECHNOLOGY	1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.Linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY
	PCB DES.	NC		
	APP ENG.	BJS		
THIRD ANGLE PROJECTION			TITLE: FABRICATION DRAWING: NANOPOWER BUCK-BOOST DC/DC WITH INTEGRATED COULOMB COUNTER	
			SIZE N/A	IC NO. LTC3335EUD DEMO CIRCUIT 2343A REV. 2
DO NOT SCALE DRAWING	SCALE: NONE		FILENAME: DC2343A-2.PCB SHT 1 of 1	

LTC3335

NANOPOWER BUCK-BOOST DC/DC WITH INTEGRATED COULOMB COUNTER

DEMO CIRCUIT 2343A



VBAT
1.8V-5.5V



GND



EN



GND



EN



ON
EXT
OFF

JP1

LINEAR
TECHNOLOGY
(408) 432-1900
www.linear.com

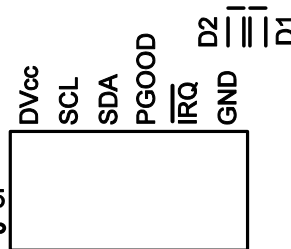
GND



DVCC



JP5
A°



VOUT *

3.3V
15mA



GND



PGOOD



GND



OUT2 OUT1 OUT0



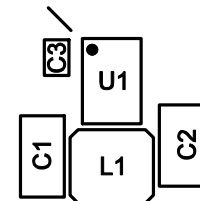
JP2



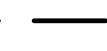
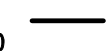
JP3



JP4

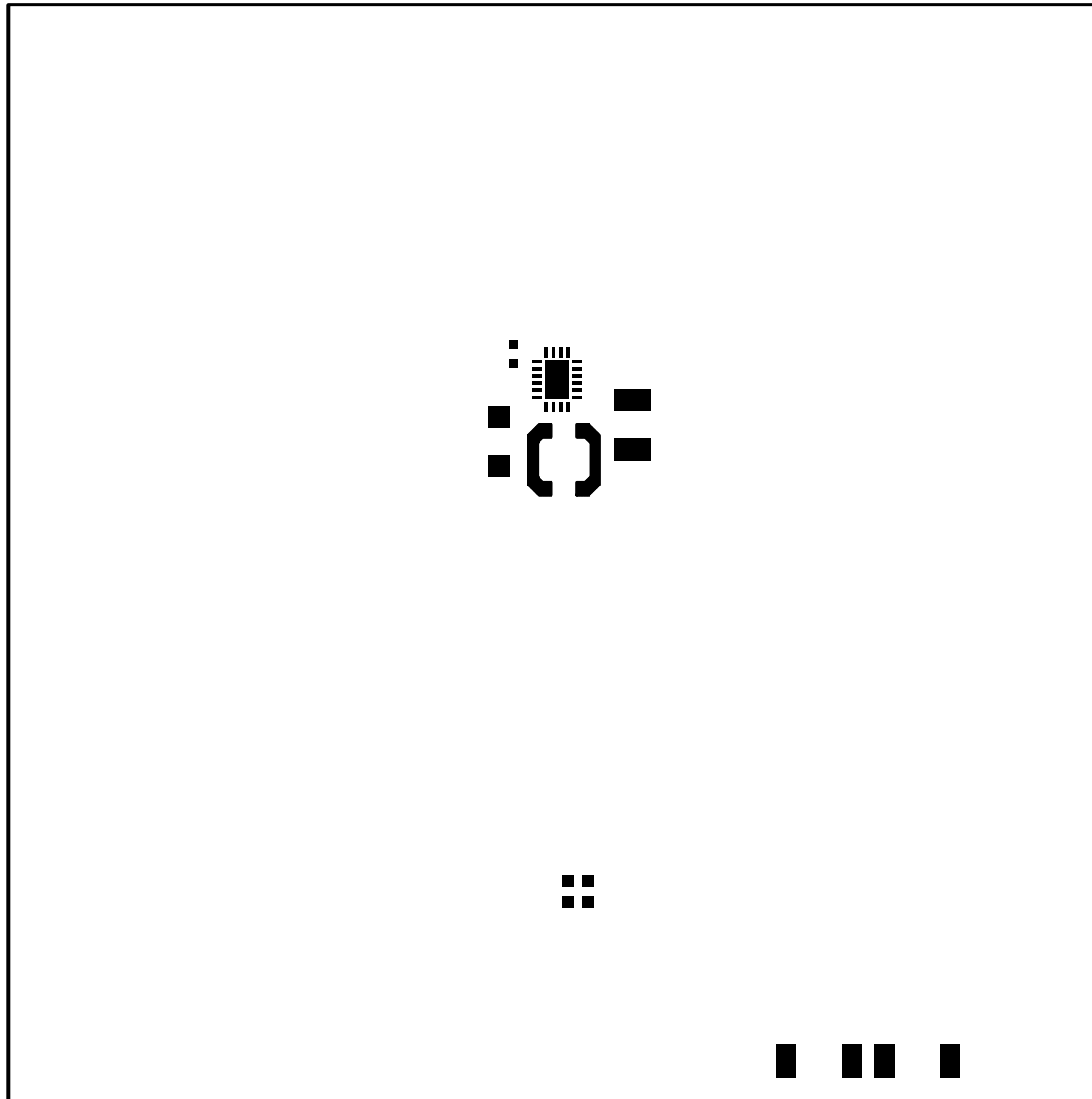


C10

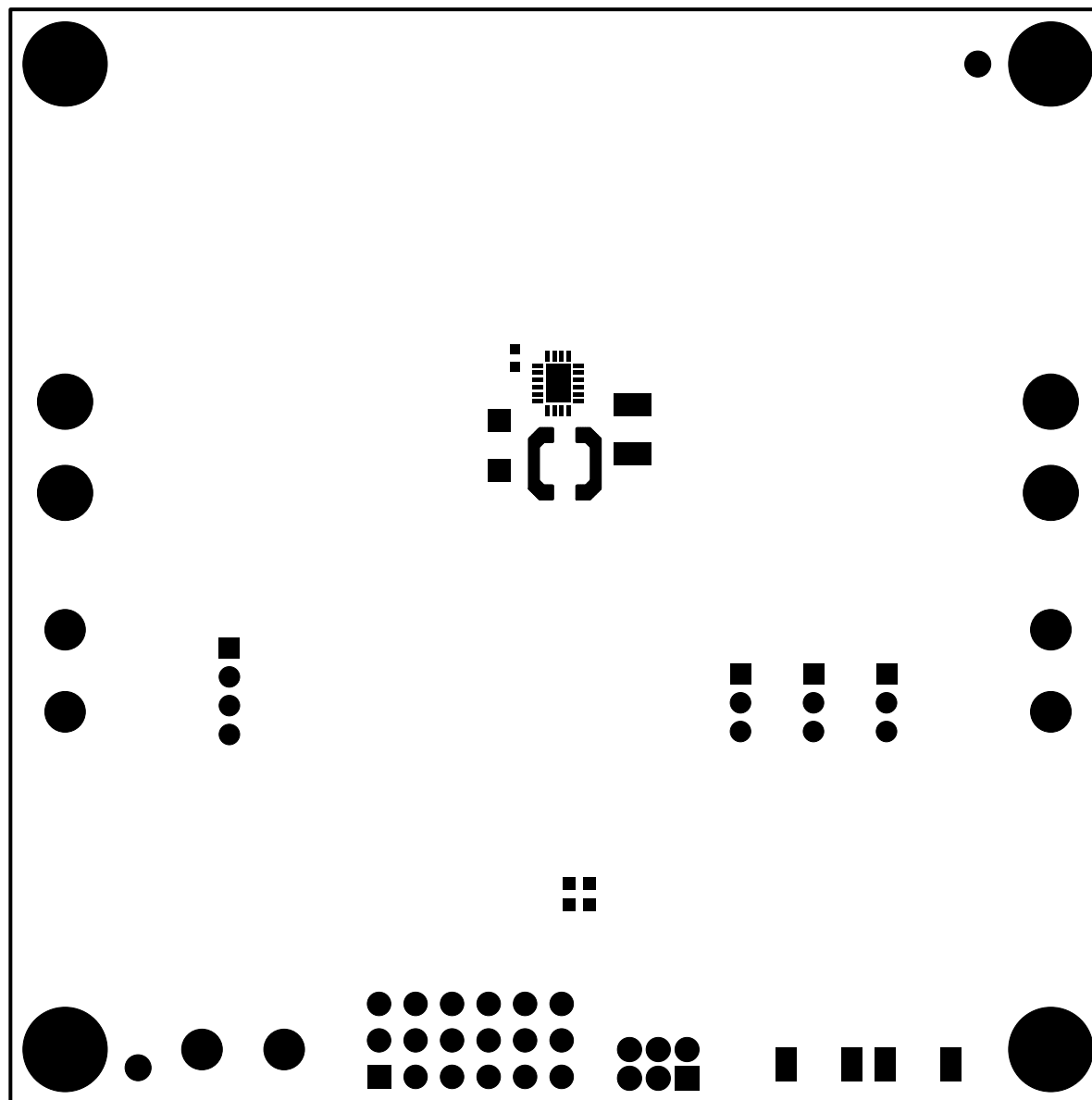


C9

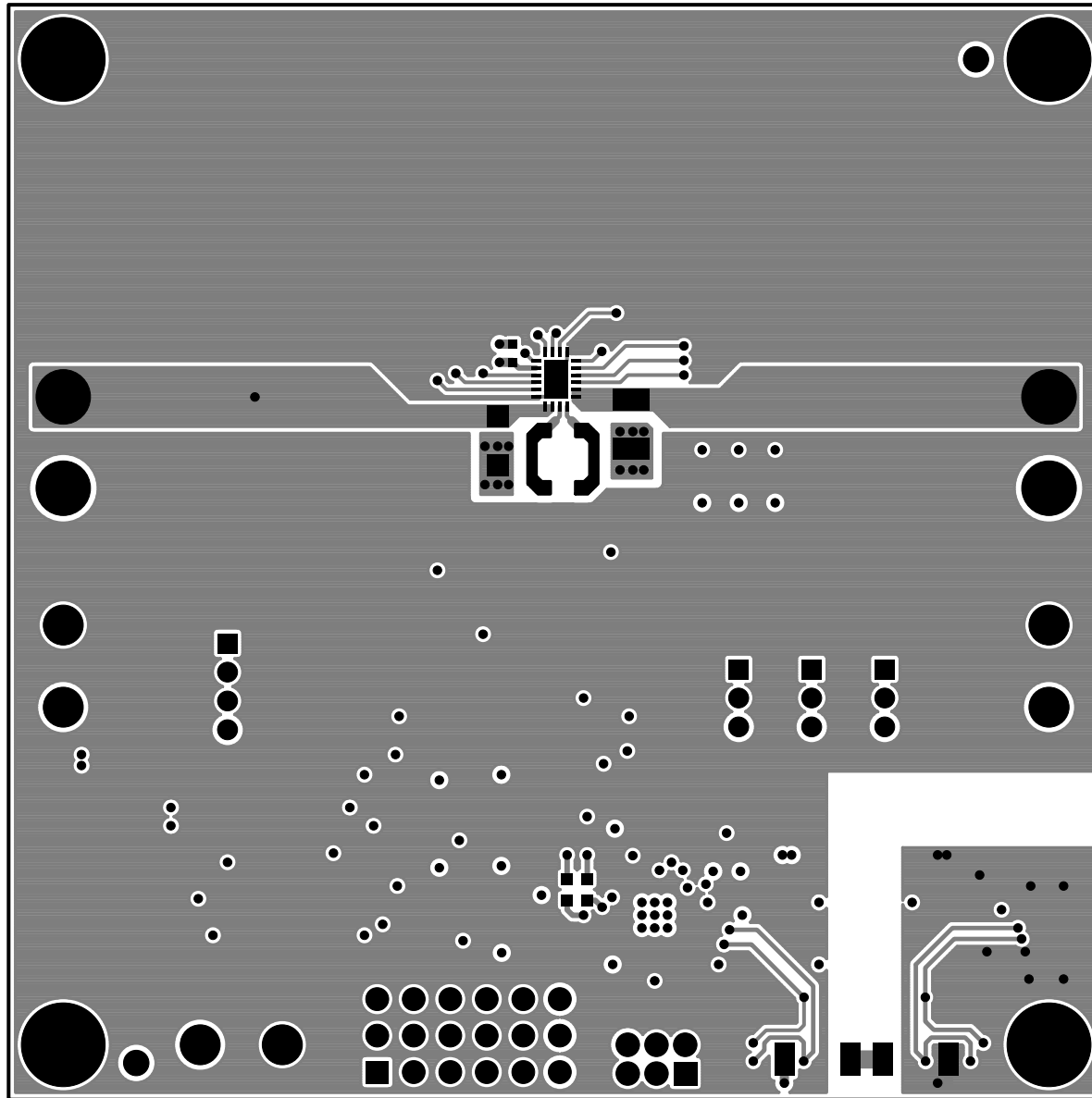
TOP SILKSCREEN
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



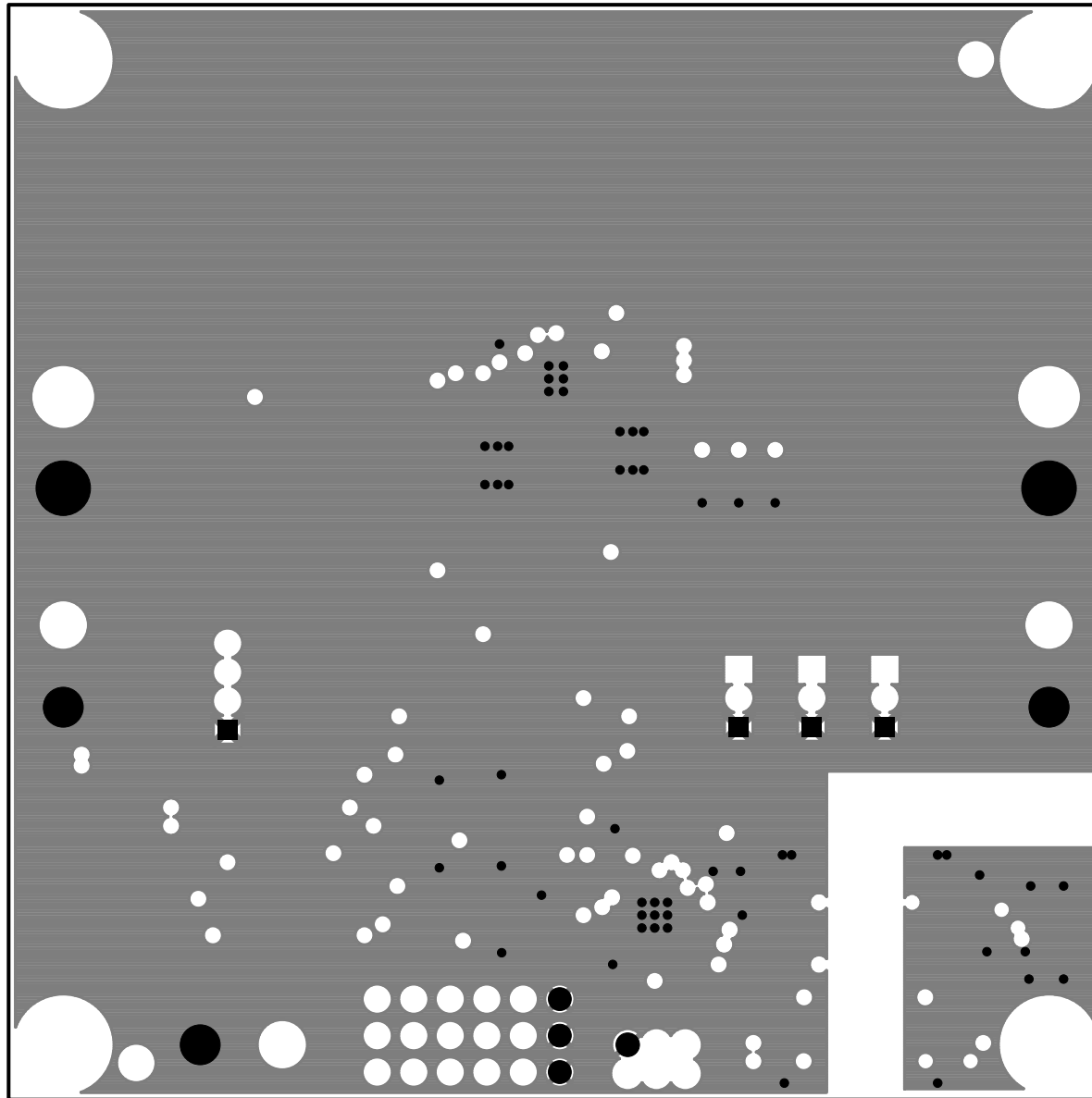
TOP SOLDER PASTE
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



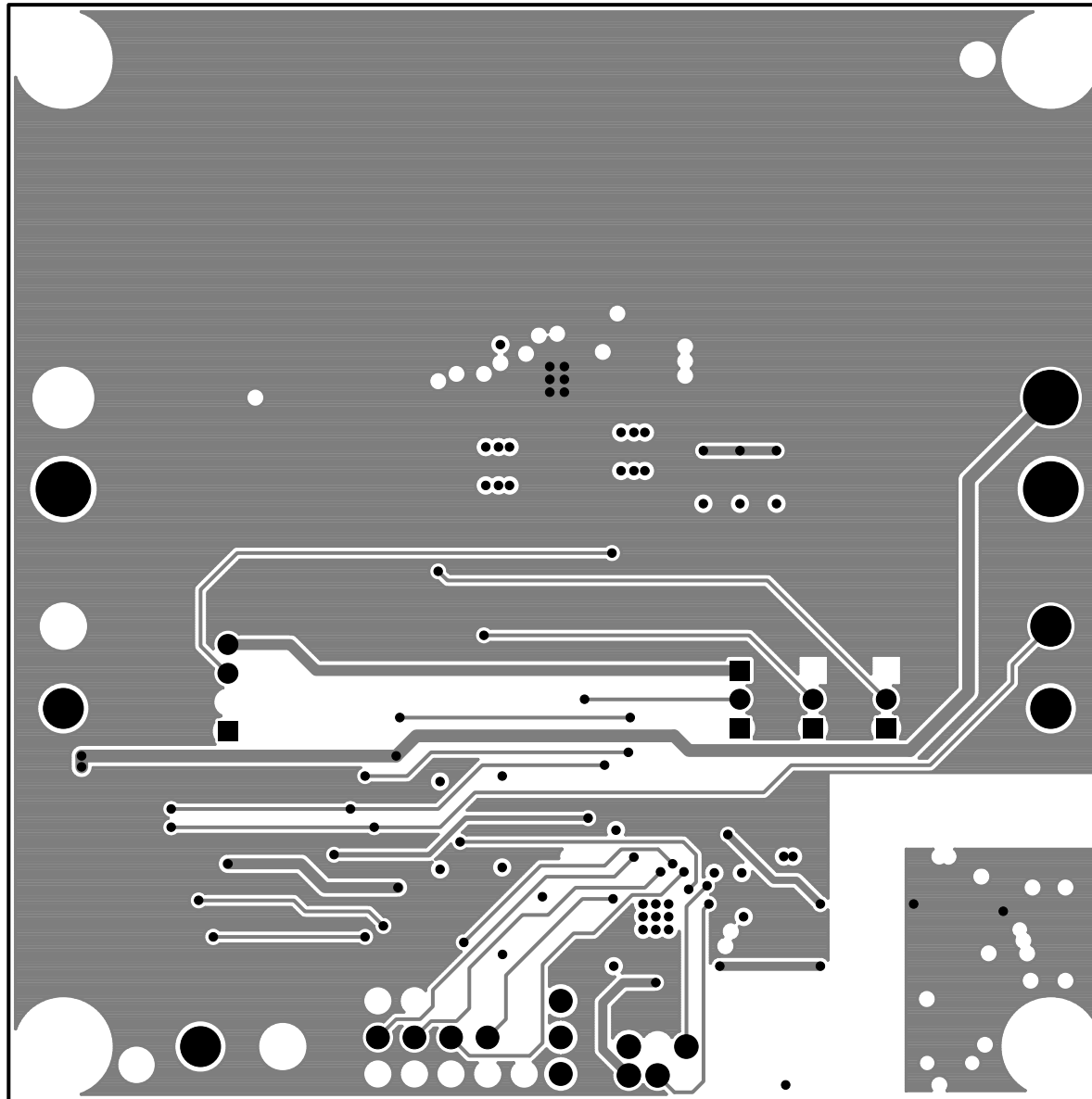
TOP SOLDER MASK
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



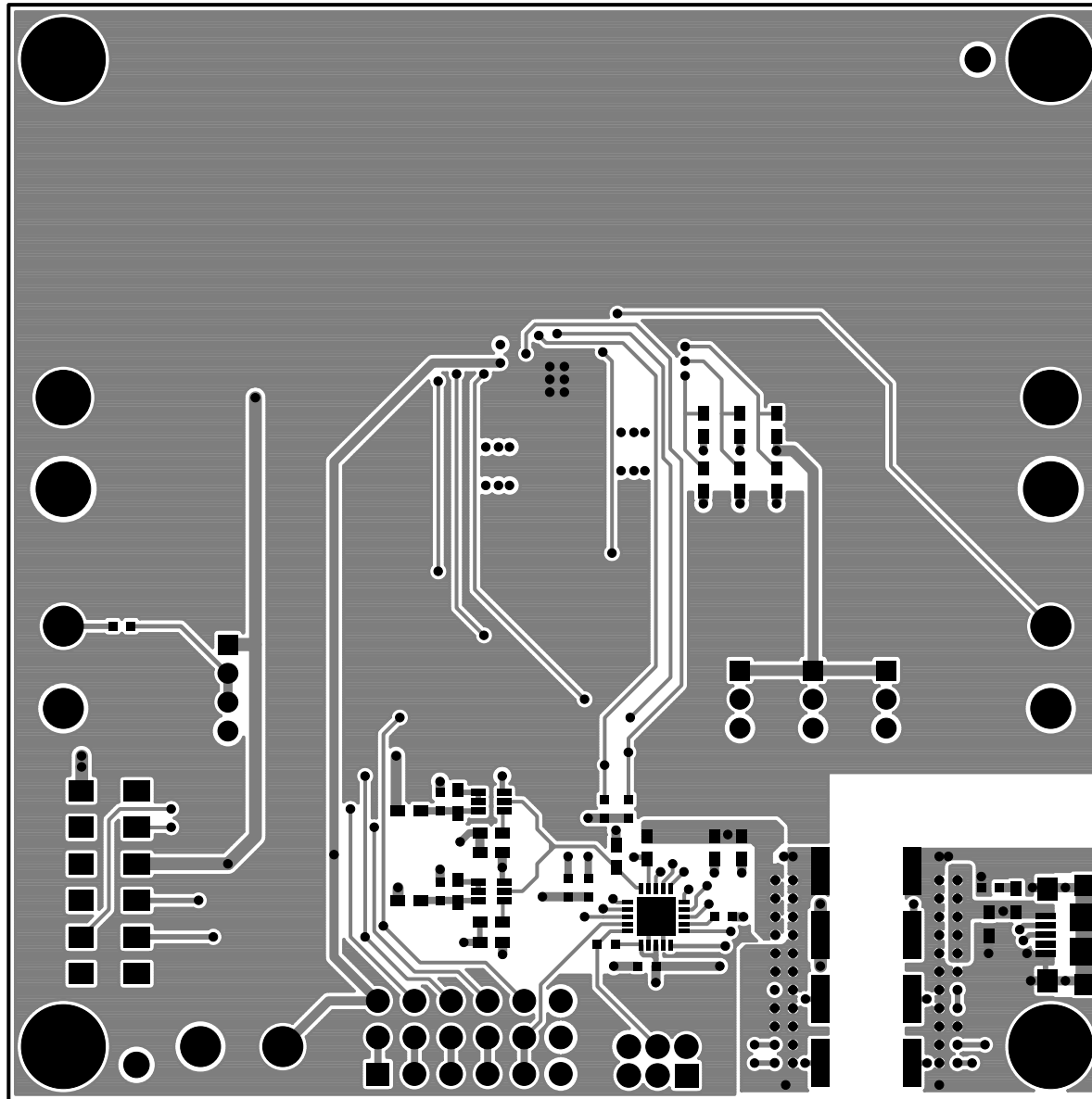
LAYER 1 - TOP SIDE
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



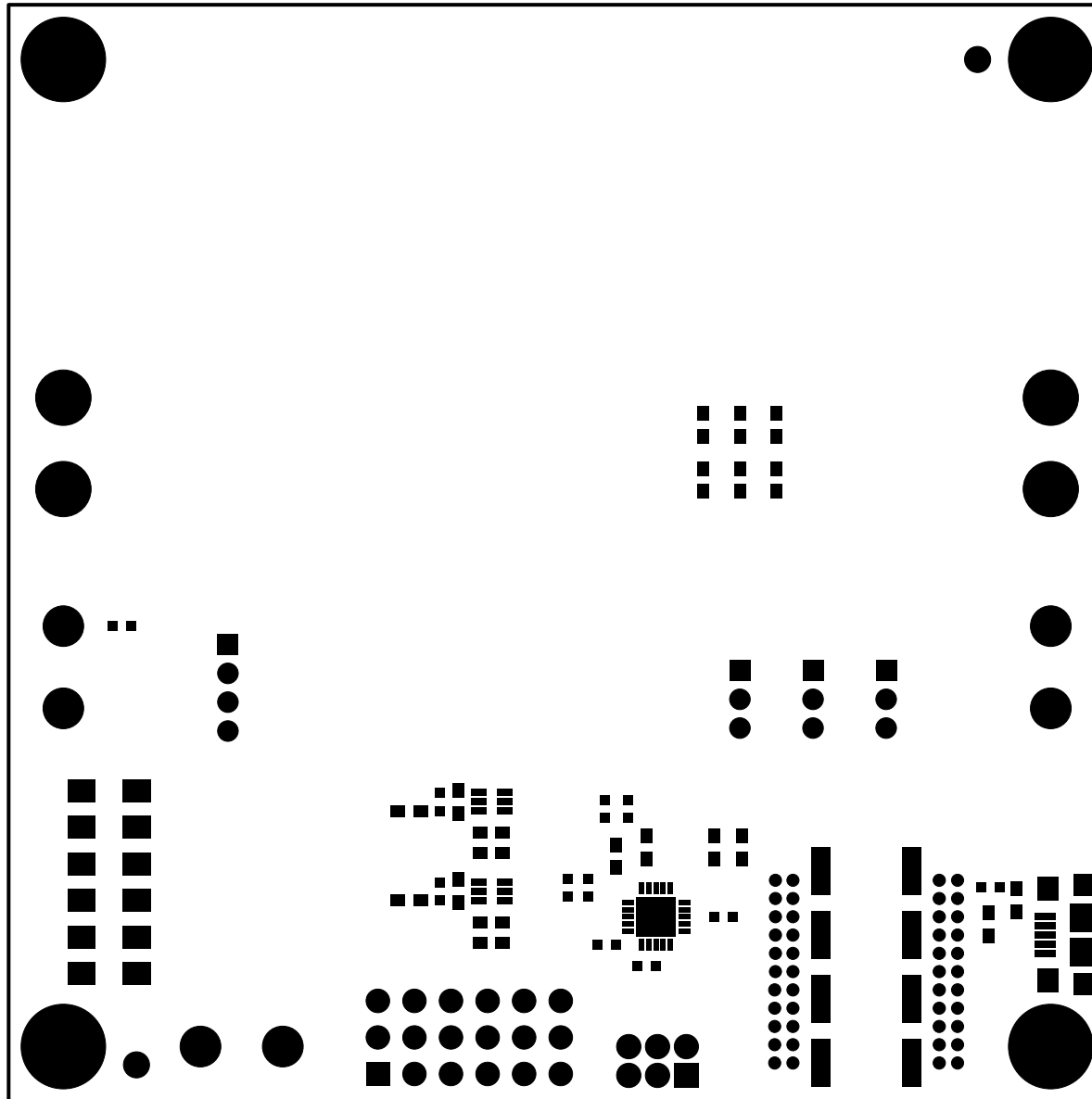
LAYER 2 - GND PLANE
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



LAYER 3 - SIGNAL/PLANE
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



LAYER 4 - BOTTOM SIDE
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15



BOTTOM SOLDER MASK
LINEAR TECHNOLOGY
DEMO CIRCUIT 2343A-2 * LTC3335
NANOPOWER BUCK-BOOST DC/DC WITH
INTEGRATED COULOMB COUNTER
06-30-15

