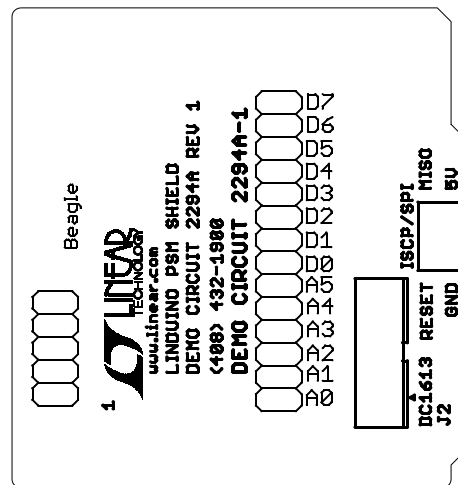


NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS.
MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
3. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT
THE BREAKOUT TABS ON 4 SIDES OF THE BOARD EDGE.
4. ASSY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD.
5. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP
ON ANY BOARD.



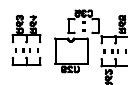
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE +/- 1° 0.XXX° = +/- 0.01° 0.XXX° = +/- 0.005° INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS			1638 MCCARTHY BLVD. MILPITAS, CA 95033 PH: (408) 432-1800 LTC CONFIDENTIAL FOR CUSTOMER USE ONLY
	NAME	DATE		
	PCB DES.	R.S.	11-21-14	
	ENG	MIKE J.	11-21-14	
THIRD ANGLE PROJECTION				TITLE: TOP ASSEMBLY DRAWING LINDUINO PSM SHIELD
	SIZE	IC NO.	POWER SYSTEM MANAGEMENT DEVICES	REV
DO NOT SCALE DRAWING	N/A			1
SCALE: NONE	FILENAME: DC2294A-1		SHEET 1 OF 13	

REVISION HISTORY

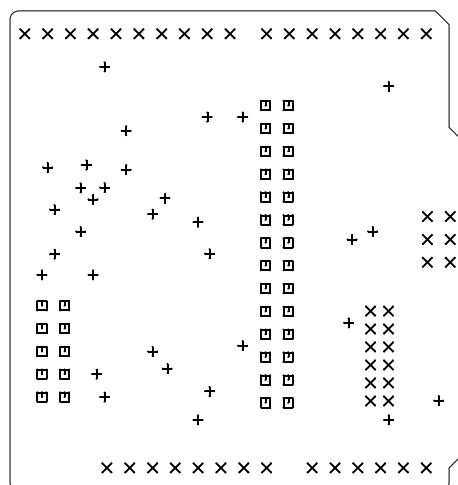
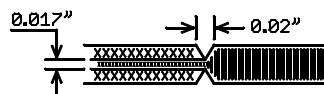
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE +/- 1° 0.XXX" = +/- 0.001" 0.XXX" = +/- 0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994</p> <p>THIRD ANGLE PROJECTION</p> <p>DO NOT SCALE DRAWING</p>	<p>APPROVALS</p> <table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PCB DES.</td> <td>R.S.</td> <td>11-21-14</td> </tr> <tr> <td>ENG</td> <td>MIKE J.</td> <td>11-21-14</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>				NAME	DATE	PCB DES.	R.S.	11-21-14	ENG	MIKE J.	11-21-14							<p>1638 MCCARTHY BLVD. MILPITAS, CA 95033 PH: (408) 432-1500 LTC CONFIDENTIAL FOR CUSTOMER USE ONLY</p>		
		NAME	DATE																		
	PCB DES.	R.S.	11-21-14																		
	ENG	MIKE J.	11-21-14																		
<p>TITLE: BOTTOM ASSEMBLY DRAWING</p> <p>LINDUINO PSM SHIELD</p>																					
<p>SIZE N/A</p>		<p>IC NO. POWER SYSTEM MANAGEMENT DEVICES</p>		<p>REV 1</p>																	
<p>FILENAME: DC2294A-1</p>		<p>SHEET 2 OF 13</p>																			
<p>SCALE: NONE</p>																					

1. FAB PER IPC-A-600.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
FINISHED THICKNESS TO BE 0.062" +/-0.005"
4-LAYER BOARD, 2 OZ. CU ON OUTER LAYERS,
1 OZ. CU ON INNER LAYERS,
FLAMMABILITY RATING: 94 V-2 MINIMUM.
3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00" ARE PRIMARY DATUMS.
4. FINISH: SMOBC USING LPI BOTH SIDES, COLOR BLACK.
ENIG FINISH. LEAD FREE SOLDER CAN BE USED
FOR PROTOTYPE BOARDS.
HIGH DEFINITION WHITE SILKSCREEN.

5. DRILL: PLATE THRU ALL HOLES WITH COPPER, 0.001" THICK MIN. ALL HOLES SHALL BE DRILLED +/-0.003" WITH RESPECT TO CTR. OF DRILLED PAD. ALL HOLES FINISHED SIZE AFTER PLATING.
6. DROP ALL UNUSED PADS ON INNER LAYERS.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
8. PCBs ARE TO BE RoHS COMPLIANT.
9. SCORING FOR PANELIZED PCB:



ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014

Sym	Nº	Mils	MM	Qty	Plated
+	1	10	0.25	32	YES
x	2	36	0.91	50	YES
□	3	40	1.02	38	YES

0.062" \pm 0.005"

4 LAYERS

TOP

0.0027" LAYER 1 - TOP

0.009" PREPREG

0.00135" LAYER 2 - GND

0.0359" CORE

0.00135" LAYER 3 - PWR

0.009" PREPREG

0.0027" LAYER 4 - BOTTOM

BOTTOM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE +/- 1°
0.XX° = +/- 0.01°
0.XXX° = +/- 0.005°
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994

	NAME	DATE
PCB DES.	R.S.	11-21-14
ENG	MIKE J.	11-21-14



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TITLE: FABRICATION DRAWING
LINDUINO PSM SHIELD

SIZE	IC NO.	POWER SYSTEM	REV
N/A		MANAGEMENT DEVICES	

DO NOT SCALE DRAWING

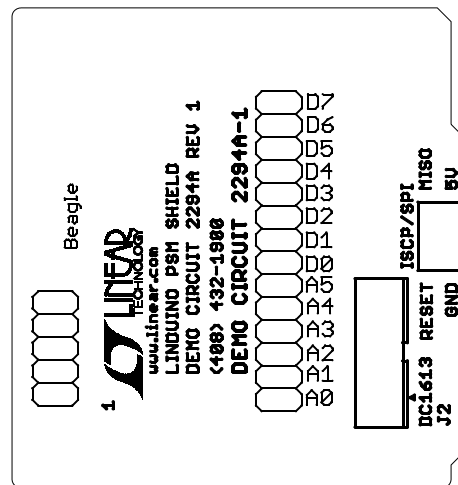
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FILENAME: DC2294A-1

SHEET 3 OF 13

REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



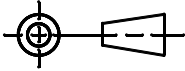
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE +/- 1° 0.XXX° = +/- 0.005° INTERPRET DIM AND TOL PER ASME Y14.5M-1994	APPROVALS			1638 MCCARTHY BLVD. MILPITAS, CA 95033 PH: (408) 432-1900 LTC CONFIDENTIAL FOR CUSTOMER USE ONLY
	NAME	DATE		
	PCB DES.	R.S.	11-21-14	
	ENG	MIKE J.	11-21-14	
THIRD ANGLE PROJECTION				TITLE: TOP SILKSCREEN LINDUINO PSM SHIELD
	SIZE	IC NO.	POWER SYSTEM MANAGEMENT DEVICES	REV
DO NOT SCALE DRAWING	N/A			1
SCALE: NONE	FILENAME: DC2294A-1		SHEET 4 OF 13	

REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014

UNLESS OTHERWISE SPECIFIED
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0.XXX° = +/- 0.01°
0.XXX° = +/- 0.005°
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994


THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS

	NAME	DATE
PCB DES.	R.S.	11-21-14
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LINEAR
TECHNOLOGY

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TITLE: TOP PASTE
LINDUINO PSM SHIELD

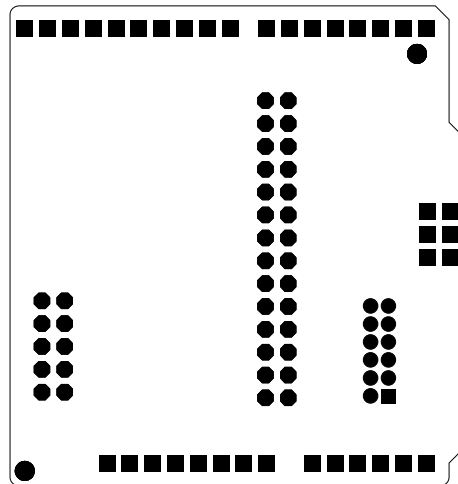
SIZE N/A	IC NO. POWER SYSTEM MANAGEMENT DEVICES	REV 1
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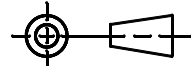
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SHEET 5 OF 13

REVISION HISTORY

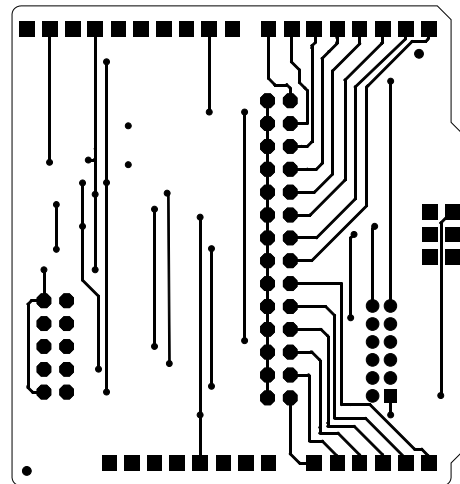
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-	1	PRODUCTION	MIKE J.	11/21/2014


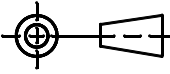


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		NAME	DATE	
	PCB DES.	R.S.	11-21-14	
	ENG	MIKE J.	11-21-14	
THIRD ANGLE PROJECTION				<p>TITLE: TOP SOLDERMASK</p> <p>LINDUINO PSM SHIELD</p>
DO NOT SCALE DRAWING	SCALE: NONE	SIZE N/A	IC NO. POWER SYSTEM MANAGEMENT DEVICES	REV 1
FILENAME: DC2294A-1			SHEET 6 OF 13	

REVISION HISTORY

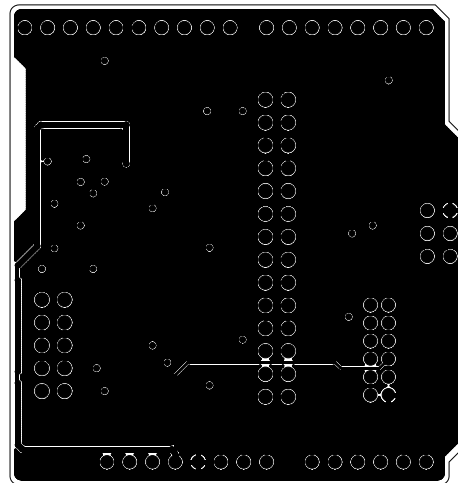
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-	1	PRODUCTION	MIKE J.	11/21/2014



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		NAME	DATE	
PCB DES.	R.S.	11-21-14		TITLE: 1 - TOP COPPER (SIGNAL) LINDUINO PSM SHIELD
ENG	MIKE J.	11-21-14		
THIRD ANGLE PROJECTION				
				
DO NOT SCALE DRAWING		SCALE: NONE		SIZE N/A
		FILENAME: DC2294A-1		IC NO. POWER SYSTEM MANAGEMENT DEVICES REV 1
		SHEET 7 OF 13		

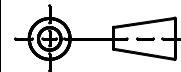
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THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS

	NAME	DATE
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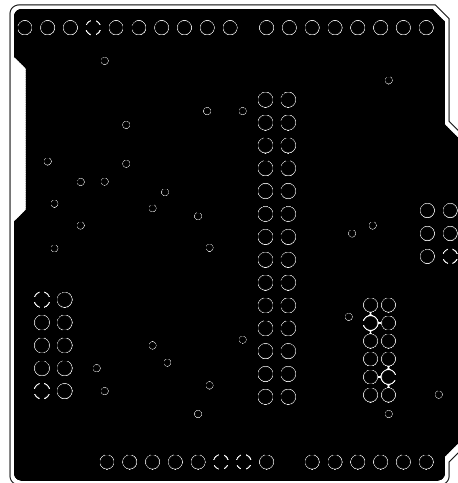
TITLE: 2 - INNER COPPER (GND PLANE)
LINDUINO PSM SHIELD

SIZE N/A	IC NO. POWER SYSTEM MANAGEMENT DEVICES	REV 1
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FILENAME: DC2294A-1 SHEET 8 OF 13

REVISION HISTORY

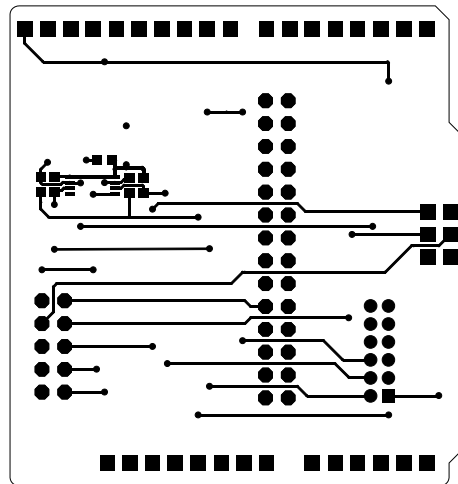
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



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					NAME	DATE								
		PCB DES.	R.S.	11-21-14										
		ENG	MIKE J.	11-21-14										
<p>THIRD ANGLE PROJECTION</p>		<p>TITLE: 3 - INNER COPPER (POWER)</p> <p>LINDUINO PSM SHIELD</p>												
<p>DO NOT SCALE DRAWING</p>		<p>SCALE: NONE</p>		<p>SIZE N/A</p>	<p>IC NO. POWER SYSTEM MANAGEMENT DEVICES</p>	<p>REV 1</p>								
		<p>FILENAME: DC2294A-1</p>		<p>SHEET 9 OF 13</p>										

REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



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		NAME	DATE																					
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	<p>TITLE: 4 - BOTTOM COPPER (SIGNAL)</p> <p>LINDUINO PSM SHIELD</p>																							
	SIZE	IC NO.	POWER SYSTEM MANAGEMENT DEVICES	REV																				
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	FILENAME: DC2294A-1			SHEET 10 OF 13																				

REVISION HISTORY

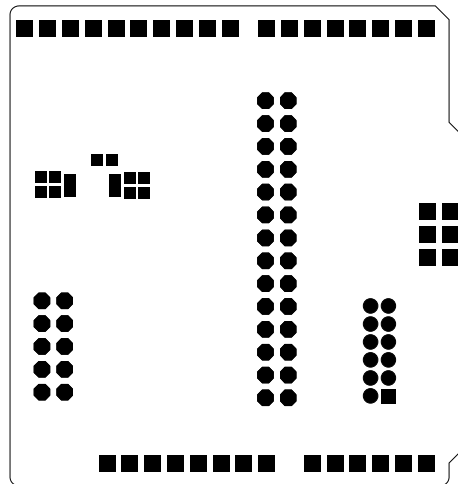
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		NAME	DATE																		
	PCB DES.	R.S.	11-21-14																		
	ENG	MIKE J.	11-21-14																		
<p>TITLE: BOTTOM PASTE</p> <p>LINDUINO PSM SHIELD</p>																					
<p>SIZE N/A</p>		<p>IC NO. POWER SYSTEM MANAGEMENT DEVICES</p>		<p>REV 1</p>																	
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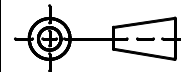
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



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0.XXX" = +/- 0.001"
0.XXX° = +/- 0.005°
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS

	NAME	DATE
PCB DES.	R.S.	11-21-14
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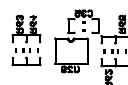
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LINDUINO PSM SHIELD

SIZE N/A	IC NO. POWER SYSTEM MANAGEMENT DEVICES	REV 1
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FILENAME: DC2294A-1 SHEET 12 OF 13

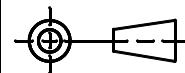
REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PRODUCTION	MIKE J.	11/21/2014



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APPROVALS

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TITLE: BOTTOM SILKSCREEN
LINDUINO PSM SHIELD

SIZE N/A	IC NO. POWER SYSTEM MANAGEMENT DEVICES	REV 1
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FILENAME: DC2294A-1 SHEET 13 OF 13