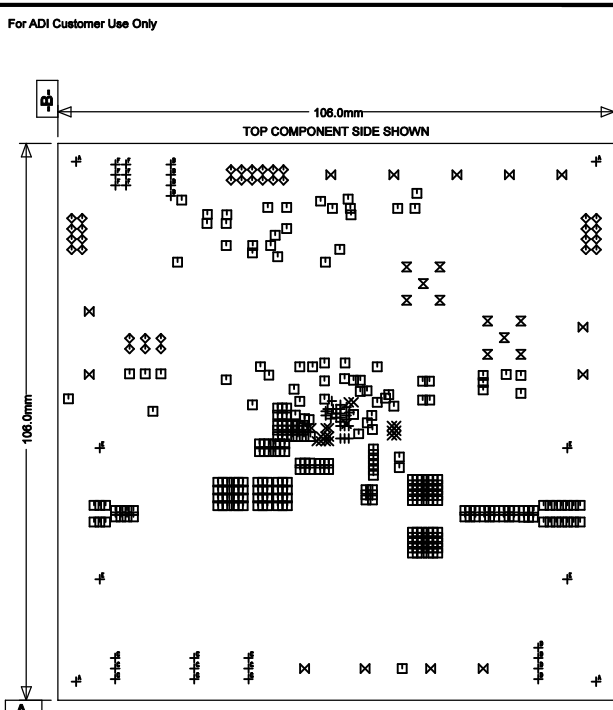
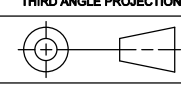


<p>For ADI Customer Use Only</p>  <p style="text-align: center;">TOP COMPONENT SIDE SHOWN</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">DWG NO</td> <td colspan="2">DC2824A</td> <td>SH</td> <td>1</td> <td>REV</td> <td>2</td> </tr> <tr> <td colspan="8" style="text-align: center;">REVISION HISTORY</td> </tr> <tr> <td>ECO</td> <td>REV</td> <td colspan="3">DESCRIPTION</td> <td>DATE</td> <td colspan="2">APPROVED</td> </tr> <tr> <td></td> <td>3</td> <td colspan="3">PROTO</td> <td>06/24/20</td> <td colspan="2">[Signature]</td> </tr> </table> <p>NOTES: UNLESS OTHERWISE SPECIFIED,</p> <ol style="list-style-type: none"> ARTWORK P/N DC2824A REV 2. FAB PER IPC-A-800 PCB SHALL MEET RoHS COMPLIANCE. MATERIAL: <ul style="list-style-type: none"> A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4 FLAMMABILITY RATING: 94 V-2 MINIMUM. B. THICKNESS: 1.6 +/- 0.1 mm C. CLAD: 2 OZ. (50um) COPPER EXTERNAL LAYERS. 2 OZ. (50um) COPPER ALL INTERNAL LAYERS. FINISH: <ul style="list-style-type: none"> A. COATING: SOLDERMASK OVER BARE COPPER, COLOR, GREEN LPI. B. PLATING: GOLD IMMERSION BOTH SIDES. C. SILKSCREEN: BOTH SIDES WITH WHITE NON-CONDUCTIVE INK. TOLERANCES: <ul style="list-style-type: none"> A. WARPAGE: (0.0075mm) MAX. ALONG THE LONGEST DIAG. AS PER IPC-TM850 METHOD 2.4.22. B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN. C. REGISTRATION: 0.075mm MAX. D. MASK THICKNESS: 0.025mm MIN., 0.075mm MAX. E. HOLE PLATING: 22um +/- 3um. SIZE: <ul style="list-style-type: none"> A. CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS. HOLE DIAMETERS ARE POST-PLATED SIZES. DEBURR AND BREAK ALL SHARP EDGES. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PLUG ALL VIA'S WITH NON-CONDUCTIVE EPOXY AND PLATE OVER. PLANARIZE FINAL SURFACE. DESIGN HAS SOLDER MASK DEFINED PADS ON U1. . U1 SOLDERMASK SIZE IS 0.40mm AND PAD SIZE IS 0.45mm. DO NOT CHANGE PAD SIZE OR SOLDER MASK SIZE. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <caption>LAYER CONSTRUCTION</caption> <thead> <tr> <th>SIZE</th> <th>QTY</th> <th>SYM</th> <th>PLATED</th> <th>TOL</th> </tr> </thead> <tbody> <tr><td>0.15</td><td>25</td><td>+</td><td>YES</td><td>+/-0.13</td></tr> <tr><td>0.2</td><td>20</td><td>X</td><td>YES</td><td>+/-0.08</td></tr> <tr><td>0.25</td><td>294</td><td>□</td><td>YES</td><td>+/-0.08</td></tr> <tr><td>1</td><td>34</td><td>◇</td><td>YES</td><td>+/-0.08</td></tr> <tr><td>1.4</td><td>10</td><td>⊗</td><td>YES</td><td>+/-0.13</td></tr> <tr><td>2.42</td><td>13</td><td>⊗</td><td>YES</td><td>+/-0.13</td></tr> <tr><td>4.75</td><td>4</td><td>+</td><td>NO</td><td>+/-0.13</td></tr> <tr><td>0.889</td><td>9</td><td>+</td><td>YES</td><td>+/-0.13</td></tr> <tr><td>0.9</td><td>8</td><td>+</td><td>YES</td><td>+/-0.08</td></tr> <tr><td>5.21</td><td>4</td><td>+</td><td>YES</td><td>+/-0.08</td></tr> <tr><td>1.016</td><td>6</td><td>+</td><td>YES</td><td>+/-0.08</td></tr> </tbody> </table>		DWG NO		DC2824A		SH	1	REV	2	REVISION HISTORY								ECO	REV	DESCRIPTION			DATE	APPROVED			3	PROTO			06/24/20	[Signature]		SIZE	QTY	SYM	PLATED	TOL	0.15	25	+	YES	+/-0.13	0.2	20	X	YES	+/-0.08	0.25	294	□	YES	+/-0.08	1	34	◇	YES	+/-0.08	1.4	10	⊗	YES	+/-0.13	2.42	13	⊗	YES	+/-0.13	4.75	4	+	NO	+/-0.13	0.889	9	+	YES	+/-0.13	0.9	8	+	YES	+/-0.08	5.21	4	+	YES	+/-0.08	1.016	6	+	YES	+/-0.08
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<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1°</p> <p>.XX ± 0.25 .XXX ± 0.127</p> <p>THIRD ANGLE PROJECTION</p>  <p>DO NOT SCALE DRAWING</p>	<p>CONTRACT NO.</p>		<p>ANALOG DEVICES LINEAR TECHNOLOGY</p> <p>2555 Augustine Drive Santa Clara, CA 95054 www.analog.com 1-800-262-5643 (toll free)</p>		<p>TITLE</p> <p>PCB FAB, LTC7131IY, 20A MONOLITHIC SYNCHRONOUS STEP-DOWN CONVERTER with PMBUS INTERFACE</p>
	<p>APPROVALS</p>		<p>DATE</p>		
	<p>DRAWN [Signature]</p>		<p>06/24/20</p>		
	<p>CHECKED</p>		<p></p>		
<p>APPROVED [Signature]</p>		<p>06/24/20</p>		<p>SIZE</p> <p>A</p>	
<p>DESIGNED BY</p>		<p></p>		<p>CAGE CODE</p> <p></p>	
<p></p>		<p></p>		<p>DWG NO.</p> <p>DC2824A</p>	
<p></p>		<p></p>		<p>REV</p> <p>3</p>	
<p></p>		<p>SCALE 1/1</p>		<p>FILENAME: DC2824A-3.PCB</p>	
<p></p>		<p>SHEET 1 OF 1</p>		<p></p>	