

| REVISION HISTORY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ECO | REV | DESCRIPTION | APPROVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | PRODUCTION | GEORGE Q. 11/07/11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NOTES: UNLESS OTHERWISE SPECIFIED,</p> <ol style="list-style-type: none"> 1. FAB PER IPC-A-600. 2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR -FINISHED THICKNESS TO BE 1.6mm +/- 0.127mm -TOTAL OF 2 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS 3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS. -FLAMMABILITY RATING: UL 94 V-0 MINIMUM. 4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.0254mm THICK MIN. ALL HOLE SIZES ARE SPECIFIED AFTER PLATING. -HOLE LOCATION TOLERANCES ARE +/-0.08mm 5. FINISH: -SMOBC USING LP1 BOTH SIDES, COLOR GREEN. -GOLD IMMERSION BOTH SIDES. -SILKSCREEN BOTH SIDES WITH WHITE NON-CONDUCTIVE INK. 6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH. 7. PCBS ARE TO BE RoHS COMPLIANT. 8. SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY): <div style="text-align: center; margin-top: 10px;"> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>LAYER STRUCTURE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>QTY</th> <th>SYM</th> <th>PLATED</th> <th>TOL</th> </tr> </thead> <tbody> <tr> <td>1.5</td> <td>2</td> <td>+</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>1.19</td> <td>2</td> <td>X</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>1.78</td> <td>2</td> <td>□</td> <td>NO</td> <td>+/-0.08</td> </tr> <tr> <td>0.25</td> <td>35</td> <td>◊</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>2.41</td> <td>4</td> <td>☒</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>1.1</td> <td>4</td> <td>☒</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>0.9</td> <td>6</td> <td>A</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>1.15</td> <td>3</td> <td>B</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>1.651</td> <td>10</td> <td>C</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>0.889</td> <td>4</td> <td>D</td> <td>YES</td> <td>+/-0.08</td> </tr> <tr> <td>0.8128</td> <td>2</td> <td>E</td> <td>YES</td> <td>+/-0.08</td> </tr> </tbody> </table> | | | | SIZE | QTY | SYM | PLATED | TOL | 1.5 | 2 | + | YES | +/-0.08 | 1.19 | 2 | X | YES | +/-0.08 | 1.78 | 2 | □ | NO | +/-0.08 | 0.25 | 35 | ◊ | YES | +/-0.08 | 2.41 | 4 | ☒ | YES | +/-0.08 | 1.1 | 4 | ☒ | YES | +/-0.08 | 0.9 | 6 | A | YES | +/-0.08 | 1.15 | 3 | B | YES | +/-0.08 | 1.651 | 10 | C | YES | +/-0.08 | 0.889 | 4 | D | YES | +/-0.08 | 0.8128 | 2 | E | YES | +/-0.08 |
| SIZE | QTY | SYM | PLATED | TOL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5 | 2 | + | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.19 | 2 | X | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.78 | 2 | □ | NO | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.25 | 35 | ◊ | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.41 | 4 | ☒ | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | 4 | ☒ | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.9 | 6 | A | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.15 | 3 | B | YES | +/-0.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE +/- .000 0.25 .0000 0.127 INTERFER DIM AND TOL PER ASME Y14.5M-1984 THIRD ANGLE PROJECTION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>IC NO</th> <th>NAME</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td></td> <td>LT3799EMSE</td> <td>N/A</td> <td>4</td> </tr> <tr> <td></td> <td>DEMO CIRCUIT 1775A</td> <td></td> <td></td> </tr> </tbody> </table> <p>DO NOT SCALE DRAWING SCALE: NONE FILENAME: 1775A-Rev4.PCB PAGE 1 of 1</p> | | | | SIZE | IC NO | NAME | REV | | LT3799EMSE | N/A | 4 | | DEMO CIRCUIT 1775A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | IC NO | NAME | REV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LT3799EMSE | N/A | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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