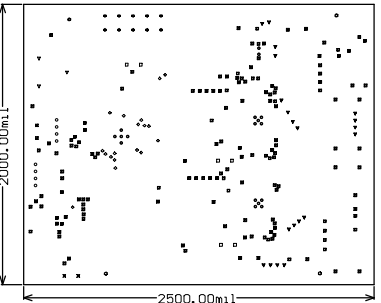
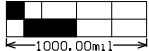



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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Layer</th><th>Name</th><th>Material</th><th>Thickness</th><th>Constant</th><th>Board Layer Stack</th></tr></thead><tbody><tr><td>1</td><td>Top Overlay</td><td></td><td></td><td></td><td></td></tr><tr><td>2</td><td>Top Solder</td><td>Solder Resist</td><td>0.40mil</td><td>3.5</td><td></td></tr><tr><td>3</td><td>L1-Top Layer</td><td>Copper</td><td>1.40mil</td><td></td><td></td></tr><tr><td>4</td><td>Dielectric 3</td><td>FR-4 High Tg</td><td>4.00mil</td><td>4.2</td><td></td></tr><tr><td>5</td><td>L2-GND</td><td>Copper</td><td>1.42mil</td><td></td><td></td></tr><tr><td>6</td><td>Dielectric 2</td><td>FR-4 High Tg</td><td>48.00mil</td><td>4.2</td><td></td></tr><tr><td>7</td><td>L3-PWR</td><td>Copper</td><td>1.42mil</td><td></td><td></td></tr><tr><td>8</td><td>Dielectric1</td><td>FR-4 High Tg</td><td>4.00mil</td><td>4.2</td><td></td></tr><tr><td>9</td><td>L4-Bottom Layer</td><td>Copper</td><td>1.40mil</td><td></td><td></td></tr><tr><td>10</td><td>Bottom Solder</td><td>Solder Resist</td><td>0.40mil</td><td>3.5</td><td></td></tr><tr><td>11</td><td>Bottom Overlay</td><td></td><td></td><td></td><td></td></tr></tbody></table> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Finished Hole Size</th><th>Symbol</th><th>Quantity</th><th>Plated</th><th>Hole Type</th><th>Hole Tolerance</th><th>Drill Layer Pair</th></tr></thead><tbody><tr><td>36.42mil (0.926mm)</td><td>⊗</td><td>2</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>7.87mil (0.200mm)</td><td>⊙</td><td>17</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>19.80mil (0.504mm)</td><td>⊖</td><td>18</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>12.80mil (0.325mm)</td><td>⊞</td><td>191</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>19.80mil (0.504mm)</td><td>⊟</td><td>20</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>29.83mil (0.758mm)</td><td>⊠</td><td>8</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>31.81mil (0.808mm)</td><td>⊡</td><td>3</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>36.42mil (0.926mm)</td><td>⊢</td><td>2</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>46.18mil (1.176mm)</td><td>⊣</td><td>18</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>43.31mil (1.100mm)</td><td>⊤</td><td>8</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td>63.85mil (1.626mm)</td><td>⊥</td><td>4</td><td>PTH</td><td>Round</td><td></td><td>L1-Top Layer - L4-Bottom Layer</td></tr><tr><td colspan="2"></td><td>241 Total</td><td></td><td></td><td></td><td></td></tr></tbody></table><p><small>Drill tolerances: For 7.87mil drill via +0/-0.27 mil For 19mil drill via +0/-0.48 mil For 12mil drill via +0/-0.41 mil For PTH +0.8 mil For NPTH +0.8 mil</small></p></div><div style="width: 50%; vertical-align: top;"><div style="text-align: center;"><p>2000.00mil</p><p>2500.00mil</p></div><div style="display: flex; align-items: center;"><div style="margin-left: 10px;"><p>1. THIS IS NOT IMPEDANCE CONTROL BOARD.</p><p>2. ALL VIAS ARE TENTED EXCEPT ONPAD VIAS.</p><p>3. SAME SIZE SOLDER MASK IS USED FOR SOME COMPONENTS, VENDOR CAN MODIFY AS PER FAB CAPABILITIES</p></div></div></div></div> <div style="width: 55%; font-size: 0.8em;"><div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">DESIGN INFORMATION MIN. TRACK WIDTH: 8 MIL MIN. CLEARANCE: 4.37 MIL MIN. VIA PAD SIZE: 20 MIL MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL PER IPC-D-275 CLASS 2 LEVEL C REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- 3 MIL</div><div>MATERIAL: <input type="checkbox"/> FR-408 <input checked="" type="checkbox"/> FR-4 High Tg <input type="checkbox"/> OTHER _____ THICKNESS: <input checked="" type="checkbox"/> 62 MIL (1.6mm) +/-10% <input type="checkbox"/> OTHER _____ TOLERANCE: <input type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/- _____ BOW & TWIST: <input checked="" type="checkbox"/> ANSI IPC-6012 TYPE 3 CLASS 2 <input type="checkbox"/> OTHER +/- _____</div><div>DRILLING: REFERENCE: <input checked="" type="checkbox"/> AS SHOWN <input checked="" type="checkbox"/> NC_DRILL FILES PTH COPPER THICKNESS: <input checked="" type="checkbox"/> 20-30 um <input type="checkbox"/> OTHER _____</div><div>BOARD FINISH: SILKSCREEN: <input checked="" type="checkbox"/> TOP <input checked="" type="checkbox"/> BOTTOM SILKSCREEN COLOR: <input checked="" type="checkbox"/> WHITE <input type="checkbox"/> OTHER _____ SOLDER RESIST COLOR: <input checked="" type="checkbox"/> GREEN <input type="checkbox"/> OTHER _____ <input checked="" type="checkbox"/> MATTE <input type="checkbox"/> SEMI-GLOSS</div><div>SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENIG) <input type="checkbox"/> ENEPIG <input type="checkbox"/> IMM. TIN/SILVER OR EQUIV <input type="checkbox"/> OTHER _____</div><div>ARRAY/PANEL: <input checked="" type="checkbox"/> CUT AND TRIM PER M1 BOARD OUTLINE <input type="checkbox"/> N.C. ROUTE <input type="checkbox"/> V. SCORE</div><div>CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF: <input checked="" type="checkbox"/> ANSI IPC-A-600F CLASS -> <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> RoHS <input type="checkbox"/> OTHER <input type="checkbox"/> PER ORDER</div><div>ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS. PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER</div><div>ADDITIONAL REQUIREMENTS: MICROSECTION: <input type="checkbox"/> YES BARE BOARD ELEC. TEST: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER <input type="checkbox"/> XX MIL VIAS REQUIRE NON-CONDUCTIVE FILL AND PLANARIZE <input checked="" type="checkbox"/> XX MIL VIAS REQUIRE CONDUCTIVE FILL AND PLANARIZE <input type="checkbox"/> OUTER XX MIL TRACES REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE <input type="checkbox"/> LAYER 2 & 3 (INNER LAYERS) XX MIL WIDE, XX MIL SPACE <input type="checkbox"/> TRACES REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE</div><div style="text-align: center; margin-top: 10px;"><p>TEXAS INSTRUMENTS</p></div><div>PROJECT TITLE: Camera_a_Motor_Module</div><div>DESIGNED FOR: Public Release</div><div>FILE NAME: Camera_a_Motor_Module_PCB.PcbDoc</div><div>ENGINEER: Sakshi Markhedkar</div><div>LAYOUT BY: Tessolve</div><div>SCALE: 1.00</div><div>ALTIM DESIGNER VERSION: 18.0.7.293</div></div>						Layer	Name	Material	Thickness	Constant	Board Layer Stack	1	Top Overlay					2	Top Solder	Solder Resist	0.40mil	3.5		3	L1-Top Layer	Copper	1.40mil			4	Dielectric 3	FR-4 High Tg	4.00mil	4.2		5	L2-GND	Copper	1.42mil			6	Dielectric 2	FR-4 High Tg	48.00mil	4.2		7	L3-PWR	Copper	1.42mil			8	Dielectric1	FR-4 High Tg	4.00mil	4.2		9	L4-Bottom Layer	Copper	1.40mil			10	Bottom Solder	Solder Resist	0.40mil	3.5		11	Bottom Overlay					Finished Hole Size	Symbol	Quantity	Plated	Hole Type	Hole Tolerance	Drill Layer Pair	36.42mil (0.926mm)	⊗	2	PTH	Round		L1-Top Layer - L4-Bottom Layer	7.87mil (0.200mm)	⊙	17	PTH	Round		L1-Top Layer - L4-Bottom Layer	19.80mil (0.504mm)	⊖	18	PTH	Round		L1-Top Layer - L4-Bottom Layer	12.80mil (0.325mm)	⊞	191	PTH	Round		L1-Top Layer - L4-Bottom Layer	19.80mil (0.504mm)	⊟	20	PTH	Round		L1-Top Layer - L4-Bottom Layer	29.83mil (0.758mm)	⊠	8	PTH	Round		L1-Top Layer - L4-Bottom Layer	31.81mil (0.808mm)	⊡	3	PTH	Round		L1-Top Layer - L4-Bottom Layer	36.42mil (0.926mm)	⊢	2	PTH	Round		L1-Top Layer - L4-Bottom Layer	46.18mil (1.176mm)	⊣	18	PTH	Round		L1-Top Layer - L4-Bottom Layer	43.31mil (1.100mm)	⊤	8	PTH	Round		L1-Top Layer - L4-Bottom Layer	63.85mil (1.626mm)	⊥	4	PTH	Round		L1-Top Layer - L4-Bottom Layer			241 Total				
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