



Project

Power Distribution Junction Box

Application

Vehicle Electronics

Customer Need

Customer faced with hardware design requiring high-current, high-reliability, high-volume, low cost two-layer printed circuit board with complex height restrictions.

AVID's Solution

AVID's PCB layout team developed a strategy for a two-stacked and two-layer four ounce copper circuit board incorporating the ability to handle 20 amps of continuous current. This minimally etched design successfully helped accommodate a lowest-cost, high-volume production target requirement.

Value Added or Technologies Applied

- Complex Layer Utilization
- High-Current Flow Strategy
- High-Volume Production Design Techniques
- Design for High Reliability