

Moortec – Platform Design Capabilities

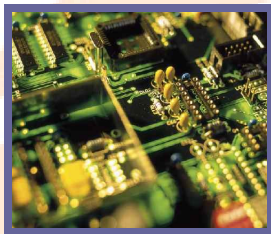


The **Moortec** team provide a unique mix of design service skills enabling YOU to optimise the costs of your platform or product development.

Platform Design – IC Test and Evaluation

Platform Design

- PCB design and layout (4-20 layer)
- Embedded Software/Firmware design
- FPGA (Xilinx/Altera) – Verilog, VHDL
- BOM Management, PCB/Materials Procurement & Expediting
- Requirements, Implementation and Test Plan documentation



Experience

- Test Load boards - Teradyne (LTX Fusion - J971/73/50, HP83K, HP93K)
- IC Demonstration, evaluation, characterisation
- HTOL (burn-in) boards

Tools Experience

- OrCAD
- Protel/Altium
- Proteus
- LabView
- MatLab, Simulink

Product Design

- Concept, Feasibility & Requirements definition
- Prototyping, and pre-production
- Volume production
- Manufacturability & Testability

Analogue IP and Custom Chip Design Capabilities

Design

- Analogue/RF IP design
- Custom Chip (ASIC and test chip) Design
- Chip Architecture (supplies, ESD, pads, floorplanning)

Technologies

- 0.6um to 0.65um CMOS, High Speed Bipolar, SiGe

Test

- Digital SoC and Mixed-signal Verification
- Assertion/Transaction Based Verification

