



Embedded Systems Design Services

Design Capabilities

- High performance embedded systems using advanced microcontrollers
- Expertise with SOCs from TI, Broadcom, NXP, Marvel, ST Micro, Intel, Atmel, MicroChip, and others
- Wireless: Wi-Fi, BT, ZigBee, LoRa, and LTE Integration
- Wired: HDMI, USB, CSI, DSI, LVDS, 1G and 10G, Modbus Integration
- Power Electronics - SMPS, LED Lighting, Converters
- Integration of Cameras, HID Devices and Displays
- Integration of Sensors, Actuators and other Electromechanical Devices
- Telecommunication and Networking Devices
- Signal, Power and Thermal Analysis
- PCB Layout Design and Analysis
- Board bring-up, Testing & Validation

Areas Of Expertise

Automobile

- OBC, TPMS, CAN, ELEKS

Medical Electronics

- Lab Equipments, Control Electronics
- Operation Theater Camera,
- Wireless Video, Microscope

Aerospace

- Entertainment
- Power Electronics

Networking and Telecom

- Switches, Routers, Ethernet boards

Military

- Rugged SBCs

Computing

- PC Add-on Cards, Mother Boards

RF / Wireless

- WiFi, Zigbee, BLE, sub GHz

Power Electronics

- SMPS, DC-DC Converters, Ballasts