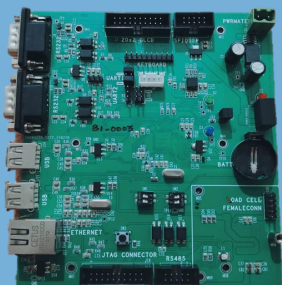


PRODUCT BROCHURE



Safety Critical/Process Oriented Embedded System Experts

Specialization :

- Complete product D&D including PCBA, Mechanical, Firmware, Software, HMI's, Touch Screen GUI
- Turnkey Product Manufacturing & Assembly
- Idea → Prototype → Product Des & Dev
- Re-engineering of imported electronic instruments
- Safety Critical Product Design & Development

Indigenous Design - Reliable performance
DESIGNED IN INDIA



Applications

- Sensing & Measurement
- Data Acquisition Modules
- Pressure Leak Test Instruments
- Industrial Control & Automation
- Indicators & Display units
- Test & Inspection
- Process Monitoring & Control
- Special Purpose Machines

Domain

- Industrial Automation
- Infrastructure & Transportation
- Automotive
- Healthcare
- Telecommunication
- Avionics & Defense
- Energy



Customers

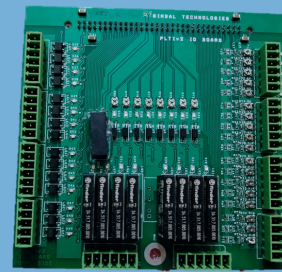
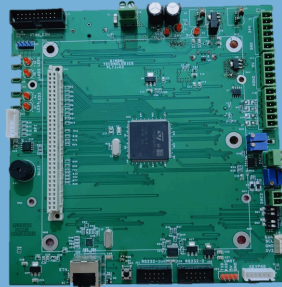
- ESSAE Digitronics, Bangalore
- ADE, DRDO, Bangalore
- DRDE, DRDO, Gwalior
- SP Leak Test & Automation, Bangalore
- Techno Products, Chennai
- Ashbee Energy, Gurgaon
- Shreyas FabTech, Pune

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Singasandra, Bangalore - 68
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www.gimbaltechnologies.com

SMART COMMUNICATION CONTROLLERS

- Indigenous Design
- 32 bit ARM Micro-controller
- Reliable A to D Converters
- Inbuilt Flash Memory/SD Card
- Serial (RS232/485), Ethernet, USB, SPI, I2C
- LED, LCD, Touch screen Display Interface
- Industrial Grade Components
- Customized Firmware
- 4-20 mA output, Relay output
- Keypad and Keyboard Interface
- Printer Connectivity

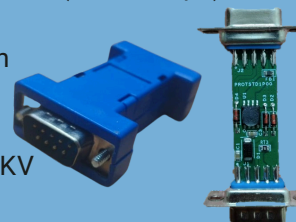


SMART INDUSTRIAL I/O CONTROLLERS

- Indigenous Design
- 32 bit ARM Microcontroller
- 4 channel ADC - 24 bit Sigma Delta
- 2 Channel DAC (10 bit)
- Inbuilt Flash Memory
- Touch Screen Display Interface
- Serial, Ethernet, USB, SPI, I2C Interface
- industrial Grade SMD Components
- Customized Firmware
- 15 nos External 24V Inputs
- 15 nos External Outputs
- 8 Potential Free Relay Contacts

ELECTRONIC SURGE PROTECTION DEVICES

- Lightning & Surge Protection
 - Pulse current → IPP = 50 A (10/1000 μs)
 - Surge Voltage → 4KV
- Reverse Voltage Protection
- Short Circuit Protection
- Over Voltage Protection
- ESD protection → 8KV/ 15KV



INTELLIGENT WEIGHING INDICATORS

- Reliable and Robust Weighing Indicators
- State of Art Microcontroller
- Industrial grade SMD components
- Small Form Factor
- Multiple Communication Interfaces
- Multiple Weighing Modes
- 25 Key Membrane Keypad
- 1,25,000 Trans Alibi Memory
- 24 bit Sigma Delta ADC
- LED and LCD Displays
- Multi Format Report Generation
- Multiple Ticket Formats
- Dot Matrix & Thermal Printer Support
- GSM Connectivity
- External Display/PC Connectivity



APPLICATIONS

- | | |
|---------------------|------------------------|
| • Weighbridges | • Unmanned Weighbridge |
| • Slow Speed WIM | • Piece Counter |
| • Medium Speed WIM | • Check Weighing |
| • Batch Controllers | • Process Monitors |

APPLICATIONS

- Industrial Automation
- Weighing & Measurement
- Sensing & Control
- Test & Inspections
- Industrial Gateways
- Process Monitoring

WE OFFER OEM SPECIFIC PRODUCT DEVELOPMENT SERVICES