TEXSONICS

IOT EMBEDDED BOARD
PLC ENVIRONMENT

BANNARI AMMAN INSTITUTE OF TECHNOLOGY
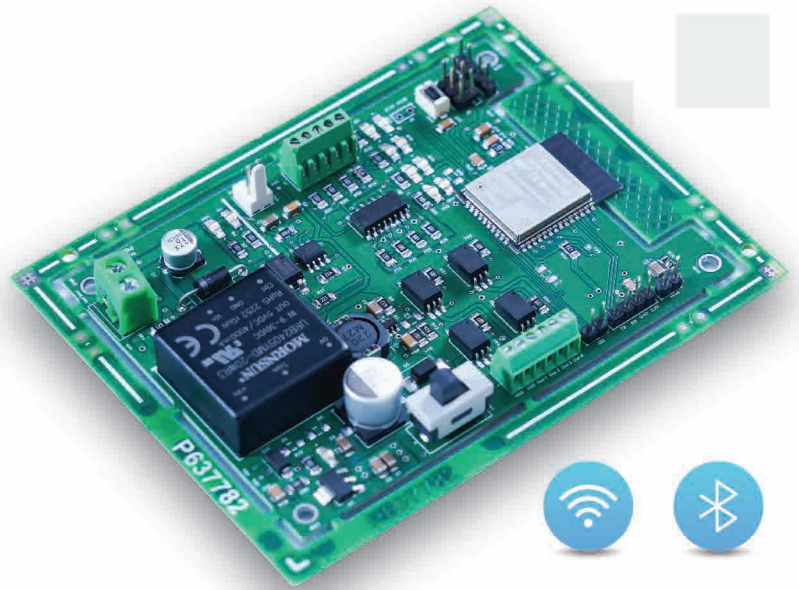Stay Ahead

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Applications

- Smart Factory Monitoring
- Remote Machine Control
- Inventory Management
- Industrial Automation

Experience unparalleled efficiency and integration with our cutting-edge IoT embedded board, designed specifically for PLC environments. This board features isolated 24V inputs and outputs compatible with both sourcing and sinking types (NPN/PNP), ensuring seamless connectivity with diverse industrial equipment. Engineered for reliability, flexibility, and future-ready connectivity, it's the perfect upgrade for your industrial automation needs. Elevate your PLC systems with this powerful, compact solution.

Key Features

- 4 Isolated Inputs (24 V)
- 4 Isolated Outputs (24 V)
- Max. 24v Power Supply (I/O Side)
- 3.7v 1000mAH Battery Operated
- Wi-Fi
- Bluetooth
- Battery Charging
- I^2C
- UART

Dimensions

- Dimension: 74 mm x 100 mm
- Board Thickness: 1.6mm
- PCB Layer: 4

Controller Section

- Core : ESP32-DOWD
- SPI flash : 32 Mbits
- Crystal : 40 MHz

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