EMBUILT TECHNOLOGIES

Embedded Design and Development

SureBench®: Rapid Development of Controller.

-Supports dspic33/RenesasRL78/Customer Preference.

Renesas RL78 based

Dspic33 based

SureBench Development board

Features:

- Two inbuilt CAN ports at 250kbps /500Kbps up to 2MbPS.
- 8 analog inputs for Temperature/Voltage/ Current/SwitchConditions.
- upto 8 relay outputs (12V or 24V configurable).
- upto 2 PWM outputs for running Motors as per specs.
- Automotive standard ports as per customer requirement.
- Display drivers for Color-TFT Display with touch.
- Designed for rapid development and configuration at user end.
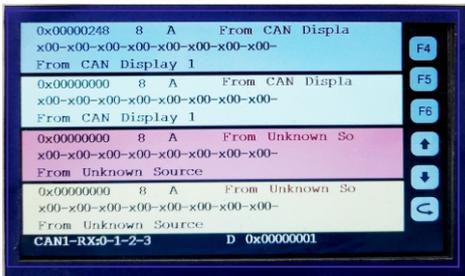
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Our Capabilities

-Integrated Development: Embedded firmware, Hardware, Software.
-Software Design Consultancy
-Data Logging for Electrical Parameters
-Simulation of Electronics Circuit
-DC-DC Converters
-Battery Measuring Systems
-Battery cell Sorting Systems
-TFT color display graphics design and development.
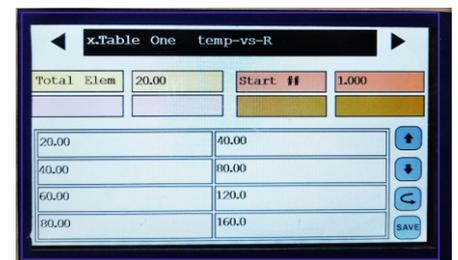
Color TFT display with Touch:-

CAN messages page

All inputs outputs Page

Lookup table page

-Features:
- 7 inch 840x480 pixel resolution. (more options are available)
- Display easily connected with SureBench development board.
- Display shows all input outputs and CAN messages.
- Option for controling all outputs individually.

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