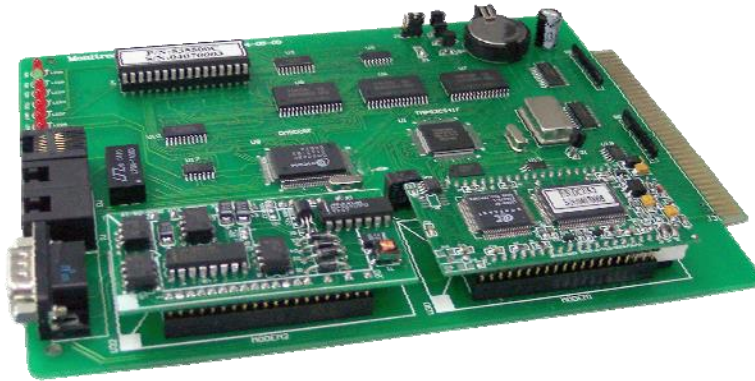


## MT535500C BOARD - DATA SHEET

# CABLE PRESSURE MONITORING & CONTROL SYSTEM



### Introduction

The MT535500C board is an advanced replacement for the Sparton B board in 5300 cable pressure monitoring and control system. It can accept existing B databases files and provides a compatible user interface.

### Features

- Direct plug-in replacement for existing Sparton B Boards.
- Emulation of existing B Board command set and functionality.
- Up to 4000 points and 200 units.
- Up to 50 different phone numbers and/or IP addresses.
- Supports Ethernet, PSTN and Serial communications.
- Modem module or RS232 adaptor option
- Remote firmware upgrade.
- Extensive diagnostic facilities.
- Automatic hardware reset control for MAC Board and Universal controller to rescue them from lockups.
- Advanced Windows XP compatible terminal software package.

**Contact:**

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## General Characteristics

### Description

The MT535500C board is an advanced replacement for the Sparton B board in 5300 cable pressure monitoring and control system. It includes a smart Ethernet IP interface, modems as well as RS232 serial port and provides advanced high stability design with flash RAM memory for remote firmware upgrades. The MT535500C accepts existing B databases files and provides a compatible user interface. It is reliable, accurate and above all, easy to install and operate. It can be applied widely in cable pressure monitoring and control systems in the pressurized cable network.

### Technical Characteristics

<b>Memory Sizing</b> Program Memory RAM	<ul style="list-style-type: none"> <li>• 512K</li> <li>• 1.5MB</li> </ul>
<b>Environmental Conditions</b> Temperature <ul style="list-style-type: none"> <li>• Continuous Operation</li> <li>• Transportation and storage</li> </ul> Relative Humidity	<ul style="list-style-type: none"> <li>• 0° to +50° C</li> <li>• -40° to +70° C</li> <li>• 0 to 95% non-condensing</li> </ul>
<b>Power</b> Input Voltage Power Consumption(2 modems)	<ul style="list-style-type: none"> <li>• 5VDC powered inside 5300 rack</li> <li>• 6 Watts Maximum</li> </ul>
<b>Physical Properties</b> Size RS232 Serial Port Ethernet Port PSTN Ports	<ul style="list-style-type: none"> <li>• 203 x 146mm PCB</li> <li>• DB9, male</li> <li>• RJ45</li> <li>• 2 x RJ11</li> </ul>
<b>Capacities</b> Measurement Points Units Point History Phone numbers/IP addresses	<ul style="list-style-type: none"> <li>• 4000 points max.</li> <li>• 200 units max.</li> <li>• 200 points max</li> <li>• 50 max</li> </ul>

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