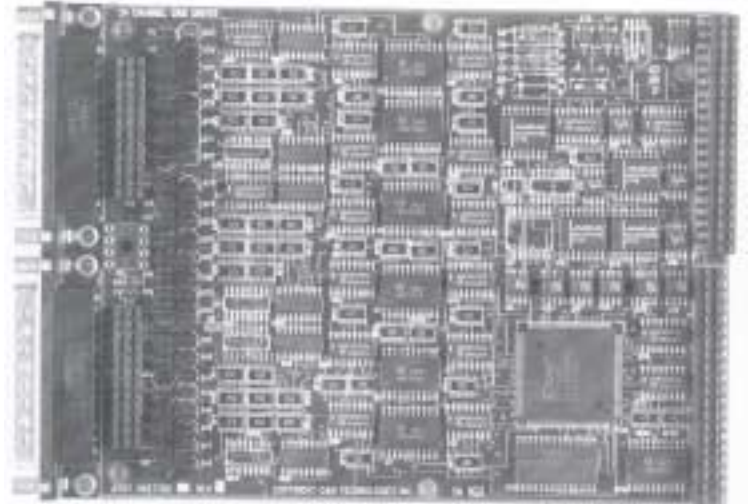


This product is manufactured by C&H Technologies, Inc.  
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## 24-Channel High Voltage Sequential Source Model MA201

The MA201 is a 24-channel driver capable of sequentially driving the 24 channels to up to 150 V. The module monitors and records, on-the-fly, the high and low voltage levels, as well as the currents being drawn by the high and low drivers. This information is recorded into on-board memory. Alarm limits may be preprogrammed for any of these values to facilitate interrupts or safety shut-downs. Synchronization of multiple modules is possible via backplane trigger lines.



### SPECIFICATIONS

#### Output Characteristics

- 24 Channels
- High Voltage Rail: 0 to 150 VDC
- Low Voltage Rail: 0 to 50 VDC
- Sink or source up to 200 mA per driver channel

#### Measurement Capabilities

- High voltage rail
- Current drawn by all high drivers
- Low voltage rail
- Current drawn by all low drivers
- (all above are 12 bit resolution)

#### External Measurements

- Clock, data and control lines for two (2) external A/D modules

#### Programmable Features

- Alarm levels for all analog measurements can provide interrupts or safety shut-downs.
- Length of output pulses
- Time between output pulses
- Channel sequence start/end

#### Triggers

- 4 triggers (2 from each M-Module position) allow synchronization of multiple MA201 Driver Modules.

#### External Inputs

- High and low voltage rails

#### Temperature

- Operating: 0° C to 50° C
- Storage: -40° C to 70° C

#### Special Notice

This module may be configured for a specific user requirement through modification of Xilinx code or through component changes to adjust A/D reading scales.

#### M-Module Compliance

- Complies with ANSI/VITA Std. 12-1996 for double wide MA-Modules

- Data Transfers: 8 bit
- Interrupts: INTA

- Triggers: TrigA & TrigB from each of the 2 MA-Module connectors are compatible with VXI, VME, PC, cPCI and other M-Module carriers.

#### Applications

- Field emission device test
- HV automotive electronics source
- Multi-channel sequential source
- HV digital output

#### Ordering Information

- Part Number: 11027960-0002