

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

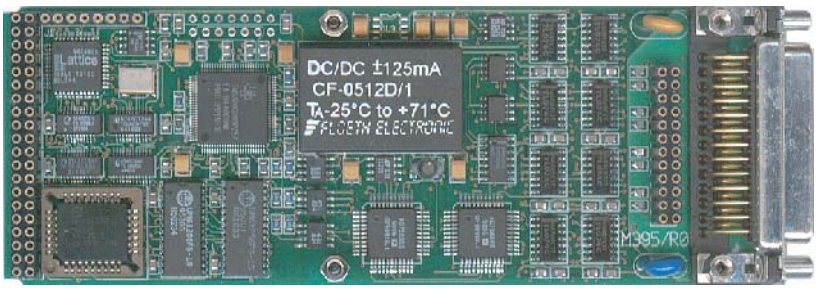
Expert team | Trust guarantee | 100% satisfaction

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Find the *AcQ Inducom / AcQuisition Technology M320* at our website: ***Click HERE***

M395

12/16-bit DAC M-module with 16x Voltage Outputs



The M395 features 16 analog voltage outputs, integrated on the ANSI certified M-module standard. The digital-to-analog converters have a resolution of 12 or 16-bit.

The voltage outputs on the M395 have a software programmable common output range of 0..+10V (uni-polar) or -10V..+10V (bi-polar).

The hosting system has full control of the M395 by accessing its dual-ported memory. Each channel has its own conversion register and an output will be updated when a new value is written in the corresponding register.

The local TMS320C203 DSP is capable of executing custom algorithms for optional signal processing.

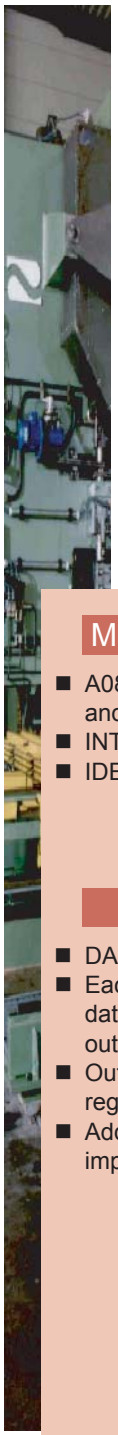
- 16 DACs with 12 or 16-bit resolution
- Simultaneously updating voltage outputs
- Software programmable common output range (0..+10V or -10V..+10V)
- 10 microseconds (max.) output response time
- No potentiometers
- Analog front-end optically isolated
- Optional onboard DC/DC converter for isolated power supply
- Features local TMS320C203 DSP
- Calibration data stored in local EEPROM
- A08/D16 M-module interface

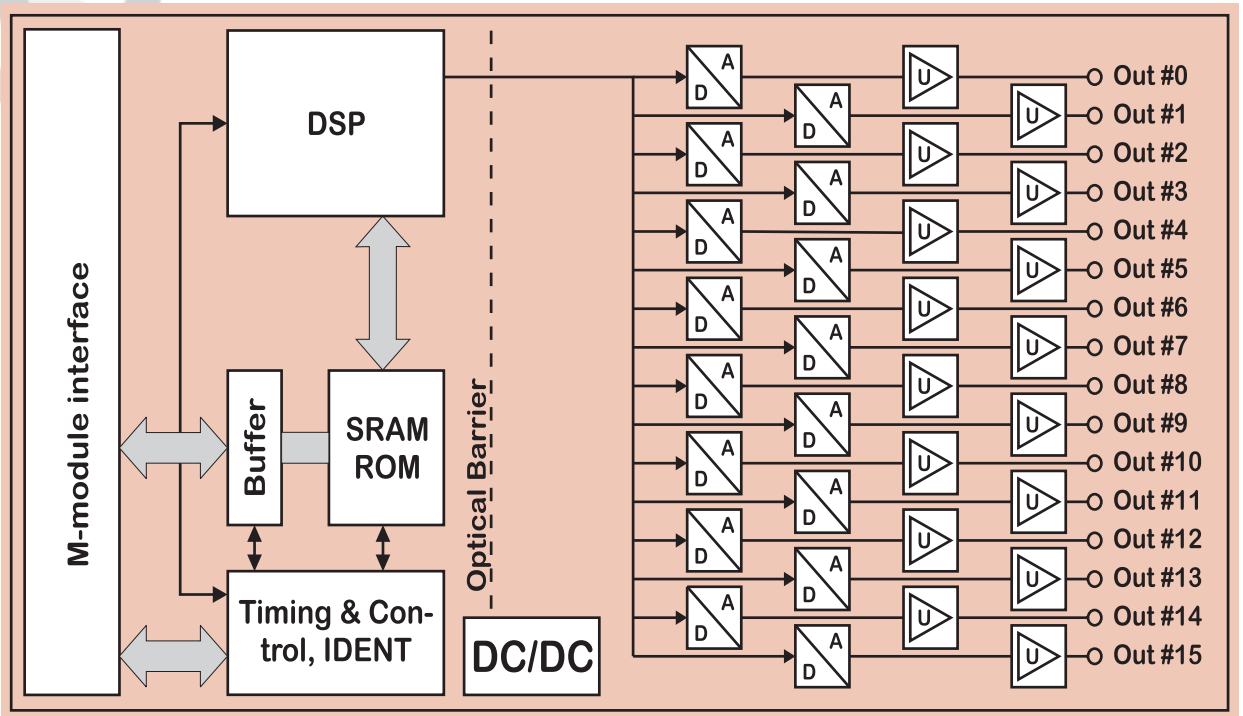




Committed to Quality

AcQuisition Technology B.V.





Block diagram

MEMBER VITA
VMEbus INTERNATIONAL TRADE ASSOCIATION

M-module Compliancy

- A08/D16 (8-bit address and 16-bit data)
- INTA (software-end-of-interrupt)
- IDENT (identification EEPROM)

DACs

- DAC resolution 12-bit or 16-bit
- Each channel has a dedicated data register that controls the output
- Output is updated after data register contents is refreshed
- Additional functionality can be implemented on request

Analog Outputs

- 16 common-mode voltage output channels available
- Uni-polar and bi-polar output range software programmable for all channels
- Outputs are optically isolated from the system
- Features pre-loading and simultaneous output update for all channels

Output Range

- Voltage outputs:
  - uni-polar (0..+10V)
  - bi-polar (-10V..+10V)

Ordering Information

- M395/V12/NDC
  12-bit M-module, without DCDC
- M395/V12/WDC
  12-bit M-module, with DCDC
- M395/V16/NDC
  16-bit M-module, without DCDC
- M395/V16/WDC
  16-bit M-module, with DCDC
- M395/SW
  APIS based software
- M395/MAN
  M395 manual on paper

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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