

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
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Custom engineering
so your equipment works exactly as you specify.

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Find the *Curtiss-Wright / DY-4 DMV-154* at our website: *Click HERE*

MIL-STD-1553B Support



MAX-651
MIL-STD-1553B
Serial/Parallel
MAXPack

DY 4 provides two solutions for your MIL-STD-1553B requirements. For stand-alone applications, we have the 154/155 SBC with 1553B interface and, for our newer SBCs, MIL-STD-1553B can be provided with the addition of a MAX-651 or MAX-654 MAXPack.

The 154/155 68020-based SBC can be used as a dedicated intelligent peripheral controller for the 1553B bus or as a host SBC in a system with 1553B bus.

The MAX-651 has a single and the MAX-654 has two dual redundant 1553B interfaces. MAXPacks are compatible with our RISC processors and our newer 68040 products.

MIL-STD-1553B interface software is available for both the 154/155 SBC and the MAXPacks. The 154/155 software supports the RT and BC modes, and the MAXPack software supports the RT, BC and BM modes.

Go to 651, 654, 155/154

MAX-651 MIL-STD-1553B Serial/Parallel MAXPack features

- Mezzanine board supporting MAXPack slave interface
- Single MIL-STD-1553B dual-redundant A/B channel interface
- 1553B interface software package available supporting BC, RT and MT modes
- Dual serial channels EIA-232 or EIA-422
- MEPCAM Utility Bus (M1A2) Interface (Optional)
- 32-pin JEDEC site for EEPROM/Flash™
- 10-bit Parallel Interface
- Vectored interrupt reduces CPU overhead
- Software compatible with MAX-654
- Air cooled and conduction cooled for MIL-E-5400, MIL-E-4158 and MIL-STD-2036 applications
- Optional levels of ruggedization

MAX-654 Dual MIL-STD-1553B Interface MAXPack features

- Mezzanine board supporting MAXPack slave interface
- Two MIL-STD-1553B dual-redundant interfaces (Single 1553B version available)
- 61580 Advanced Communication Engine (ACE) 1553B interface devices
- Support for transformer-coupled and direct (resistor) coupled interfaces
- BC, RT, MT modes
- Support for 1553A, 1553B Notice 2 and STANAG 3838
- Each 61580 has 8K bytes dual-port RAM
- Software compatible with previous generation 61554 devices
- 1553B interface software source code package available supporting BC, RT and MT modes
- Air cooled and conduction cooled for MIL-E-5400, MIL-E-4158 and MIL-STD-2036 applications
- Optional levels of ruggedization

SVME-155/DMV-154 SBC with MIL-STD-1553B features

- 16 MHz 68020 CPU, optional '882 FPP
- MIL-STD-1553B interface

- Ten 32-pin JEDEC sites
- 512 byte serial EEPROM
- Card-edge boot EPROM programmability
- Advanced VME64 interface
- Built-In Test (BIT)
- Bus Isolation mode (BI-mode®)
- Conduction cooled per IEEE 1101.2 (0.65" pitch) for MIL-E- 5400/4158 and MIL-STD-2036 applications
- Optional levels of ruggedization

Full product specifications can be found in our product catalog, which you can obtain by making a literature request from Lisa Hall at (613) 599-9199, extension 242, or by E-mailing your request to sales@dy4.com

Call, E-mail or visit us to find out how we can help you.

Product Overview | Ruggedization | A/D & D/A | I/O | LAN Ethernet | Memory | Chassis | RISC SBCs | 68K SBCs | MIL-STD-1553B | Graphics | DSP

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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.

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