

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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Recommended software (sold separately):

LabVIEW

LabVIEW Real-Time Module

Additional resources for software development:

C/C++

LabWindows/CVI

PXI Timing and Synchronization

- Generate high-stability PXI system reference clocks and high-resolution sample clocks
- Achieve synchronization over long distance through GPS, IEEE 1588, IRIG-B, or PPS
- Develop advanced timing and sync applications with NI-Sync and NI-TClk software
- Import and export system reference clocks for synchronization between multiple chassis or external devices

Key Features:

High-Stability, High-Accuracy Onboard Clock

Replace this backplane system reference clock using a higher accuracy oscillator for high-performance applications.

Time-Base Synchronization

Generate triggers and clock signals at programmable future times, and timestamp input events with the synchronized system time.

Advanced Clock and Trigger Routing

Timing and synchronization modules provide many more source-to-destination routes for more flexible designs and efficient use of system resources.

PXI Timing and Synchronization Modules

Selection Guide	Model	Part Number	Connector Types	Supported Timing Protocols	Onboard Oscillator Accuracy	DDS Range	Override PXI 10 MHz Backplane Clock	PXI Star-Capable	PXI Express DSTAR-Capable
Ethernet and GPS Time Sync	PXI-6683H	782110-01 782110-02	RJ-45, SMB	IEEE-1588, GPS, IRIG-B, IEEE-802.1as (Linux only), PPS	+/-3.5 ppm	—	—	—	—
Clock and Trigger Routing and Generation	PXIe-6672	783639-01	SMB	—	+/-3.5 ppm	DC to 105 MHz	✓	✓	—
High-Performance Clock and Trigger Routing and Generation	PXIe-6674T	785976-01	SMA	—	+/-80 ppb	0.3 Hz to 1 GHz	✓	✓	✓

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PXI Timing and Synchronization Accessories

Cables and Terminal Blocks

Description	Ethernet Cable, 2 m	Ethernet Cable, 5 m	GPS Antenna, Bullet III	SMB-SMB Cable, 1 m	SMB-Alligator Cable	SMB-Alligator Cable	SMA-SMA Cable, 1 m
Part Number	151733-02	151733-05	196304-30	188859-01	763388-01	763388-01	783469-01
PXI-6683H	✓	✓	✓	✓	✓	—	—
PXIe-6672	—	—	—	✓	—	✓	—
PXIe-6674T	—	—	—	—	—	—	✓

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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