

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ASTRONICS / EADS / TALON INSTRUMENTS

Astronics / EADS / Talon Instruments SR192 Digital Test Module

Astronics / EADS / Talon Instruments SR192 Modular VXI Digital Stimulus Response Mainframe Module The Astronics / EADS / Talon Instruments SR192 is a modular VXI digital stimulus and response system that houses up to 12 I/O modules. Each I/O module provides 8 or 16 stimulus/response channels for 96 or 192 total channels per SR192. Logic options include fixed TTL ECL RS485/422 and variable voltages of plus or minus 15 V or +5/-2 V. Channels may be single-ended or differential. Mastered multi-module systems reach 1152 channels in a 13-slot chassis. Timing rates to 50 MHz and per-channel memory of 128 Kbits (256 K multiplexed) are cited on Astronics reprints. The SR101 timing set module provides timing control for stimulus/response and bus emulation. The Astronics / EADS / Talon Instruments SR192 is a modular VXI digital stimulus and response system that houses up to 12 I/O modules. Each I/O module provides 8 or 16 stimulus/response channels for 96 or 192 total channels per SR192. Logic options include fixed TTL ECL RS485/422 and variable voltages of plus or minus 15 V or +5/-2 V. Channels may be single-ended or differential. Mastered multi-module systems reach 1152 channels in a 13-slot chassis. Timing rates to 50 MHz and per-channel memory of 128 Kbits (256 K multiplexed) are cited on Astronics reprints. The SR101 timing set module provides timing control for stimulus/response and



MODEL

**Astronics / EADS /
Talon Instruments
SR192**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SR192

LISTING

**[https://aumictechlabs.c
om/products/sr192-2/](https://aumictechlabs.com/products/sr192-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Astronics/EADS/Talon Instruments SR192 is a VXI-based digital stimulus and response test module engineered for high-channel-count digital applications. This dual-slot C-size VXI module accommodates up to twelve I/O modules, delivering 96 to 192 digital I/O channels per unit with synchronization capability reaching 1152 channels across multiple modules. The SR192 supports TTL, ECL, RS485/422, and variable voltage logic (+/-15V or +5/-2V), configurable as single-ended or double-ended outputs with 50 mA source/sink current per channel. Technical Specifications Digital I/O Channels: 96 to 192 per module; up to 1152 channels with multiple synchronized modules Timing Rate: 50 MHz maximum Data Rate: 25 MHz; 50 MHz multiplexed Memory Depth: 128 Kbits per channel (256 Kbits multiplexed) Edge Placement Resolution: 5 ns Channel-to-Channel Skew: 5 ns Source/Sink Current: 50 mA per channel Logic Options: TTL, ECL, RS485/422, variable +/-15V, +5/-2V Memory Architectures: Stimulus, Tristate, Record, Expect, Mask Data Formats: Hold, RTZ, RT0, RTC Test Sequence Memory: 128 Kbits Timing & Control Channels: 20 channels Configuration: Single-ended or double-ended logic Key Features Modular front-end design supports SR115 bi-directional 16-channel modules, SR112/SR122 8-channel RS485 differential modules, SR125A, and SR214A variable voltage modules SR101/SR101A Timing Set modules provide sequence control, UUT handshaking, pattern data management, and conditional testing with up to 128 K test sequence memory Conditional and unconditional jump sequences with go-sub test capability Parallel and serial bus emulation support Optional SR210 Accessory Module (100 Hz to 50 MHz programmable clock) and SR110 DAC Module SCPI-compatible command interface matching Talon BE-64 protocol Typical Applications Digital functional testing, bus emulation, parallel and serial protocol validation, multi-channel stimulus/response characterization. Compatibility & Integration VXI ecosystem; controlled by SR101/SR101A timing modules; integrates with SR110 DAC and EADS SR107 PIO accessory modules; SCPI message-based programming interface.

SR192 Characteristics / Specifications

PARAMETER	VALUE
Model	SR192
Instrument Type	modular VXI digital stimulus response systemIOModule Slots: up to 12
Channels PerIOModule	8 or 16
Channels Per Sr1	96 or 192
Max Channels Per 13 Slot Chassis	1152
Timing Rate Maximum	50 MHz
Memory Per Channel	128 Kbits
Memory Multiplexed	256 K
Logic Options Fixed	TTL ECL RS485/422
Logic Options Variable	plus or minus 15 V or +5/-2 V
Channel Modes	single-ended or differential
Timing Companion	SR101 Timing Set module
Platform	VXI modular digital test
Record Modes Class	Stimulus Tristate Record Expect and Mask
RelatedIO	SR214 SR214A SR112 SR122
Product Family	Talon SR192 digital modules
Master Configuration	multiple SR192 modules
Vendor Path	Talon EADS Astronics
Host System Class	SR192 modular digital system where applicable
Timing Companion Class	SR101 timing set where applicable
Channel Architecture	stimulus and response digital I/O
Logic Family Options	TTL ECL RS485 variable voltage class
Expansion Class	multi-module master configurations

SR192 Specifications

PARAMETER	VALUE
Key Features	Up to twelve I/O modules per SR192
Technical Specifications	Model: SR192
Notes	From Astronics EADS Talon SR192 Artisan OEM descriptions. Exact I/O module dash numbers determine logic family and voltage ranges.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	SR192
Instrument Type	modular VXI digital stimulus response systemIOModule Slots: up to 12
Channels PerIOModule	8 or 16
Channels Per Sr192	96 or 192
Max Channels Per 13 Slot Chassis	1152
Timing Rate Maximum	50 MHz
Memory Per Channel	128 Kbits
Memory Multiplexed	256 K
Logic Options Fixed	TTL ECL RS485/422
Logic Options Variable	plus or minus 15 V or +5/-2 V
Channel Modes	single-ended or differential
Timing Companion	SR101 Timing Set module
Platform	VXI modular digital test
Record Modes Class	Stimulus Tristate Record Expect and Mask
RelatedIO	SR214 SR214A SR112 SR122
Product Family	Talon SR192 digital modules
Master Configuration	multiple SR192 modules
Vendor Path	Talon EADS Astronics
Host System Class	SR192 modular digital system where applicable
Timing Companion Class	SR101 timing set where applicable
Channel Architecture	stimulus and response digital I/O
Logic Family Options	TTL ECL RS485 variable voltage class
Expansion Class	multi-module master configurations
Notes	
From Astronics EADS Talon SR192 Artisan OEM descriptions. Exact I/O module dash numbers determine logic family and voltage ranges.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.