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Find the *VX Instruments PXT1741* at our website: ***Click HERE***

# PXT(e)1741
# Trigger Module

VXI instruments
the test solutions provider




## TECHNICAL DATA SHEET

PXI
VXI
LAN
cPCI
PXIe
GPIB
USB
RS232
485
external
PCIe

## Features

- Easy linkage of various external modules to the PXI(e) trigger bus
- High configurable trigger matrix
- 12 independent configurable trigger lines
- Inputs/Outputs compatible with 5 V TTL standard
- Software controlled triggering of any target device

# Product Information

### Easy linkage of various external modules

The PXT(e)1741 Trigger Module ist designed to build up a connection between trigger signals from any external trigger source (5 V TTL Standard) and the PXI(e) trigger bus. Therefore the device is equipped with four SMA front connectors (T1 to T4).

### Complex concatenation of various trigger sources

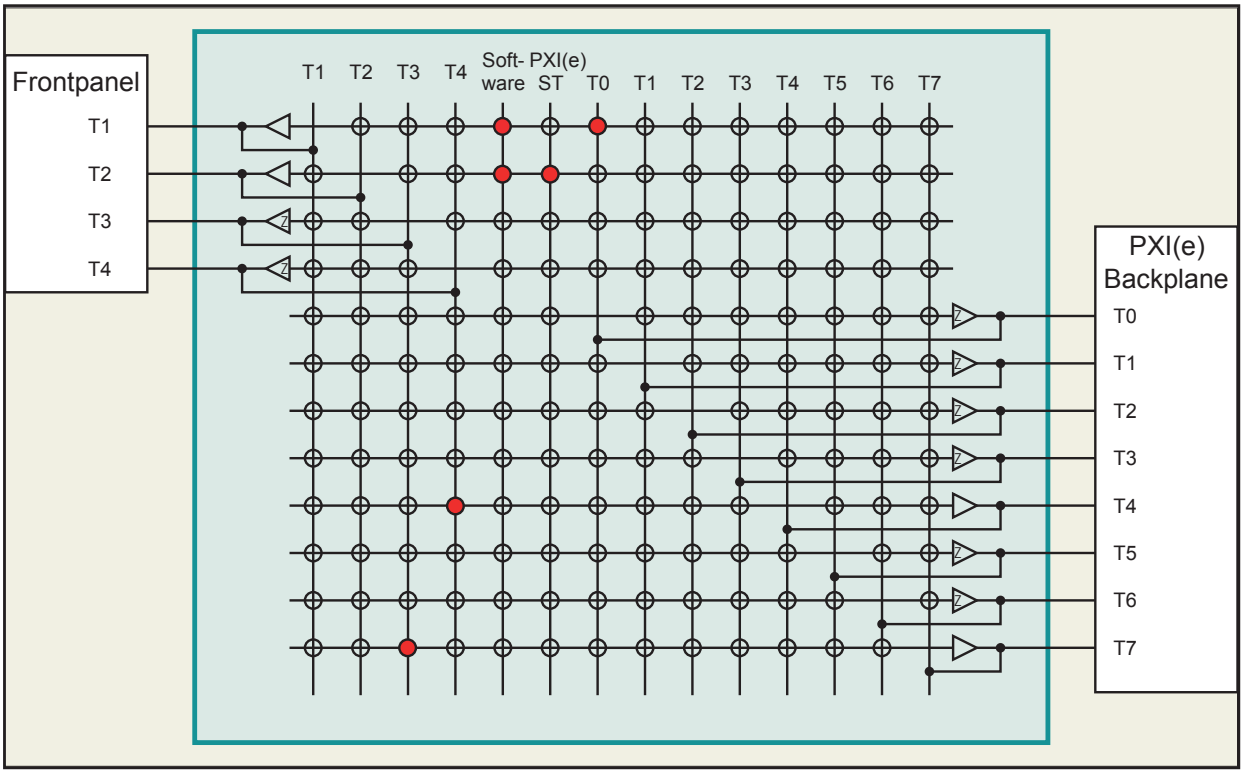
Each trigger output signal can be a combination of all available trigger sources except the trigger line itself.

### Independent configurable trigger lines

The PXT(e)1741 Trigger Module provides 12 independent configurable trigger lines, where each of them can be used as trigger source or trigger output and two additional trigger sources (PXI(e) star trigger and software trigger).

### Software controlled triggering

With the additional software trigger, each with the PXT(e)1741 Trigger Module linked device can be triggered at any time with a simple software command.




= Connection Example

| General | Specification | Comment |
|---|---|---|
| **Module size** | 1 slot, 3U | |
| **Module weight** | <0.5kg | |
| **Front connector type** | SMA | |
| **Operating temperature** | 0 ... 40°C | |
| **Operating altitude** | <2,000 m | |
| **Relative Humidity** | Up to 85% at 35°C | |
| **Storage temperature range** | -25 ... 70°C | |
| **Electrical safety** | According EN61010-1 | |

| Trigger | Specification | Comment |
|---|---|---|
| **Front trigger I/Os** | 4 | |
| **PXI(e) trigger lines** | 8 | PXI(e) trigger line 0 ... 7 |
| **I/O voltage level** | 5 V TTL | |
| **Output current** | 20 mA | |
| **Trigger sources** | 12 configurable trigger lines,<br>1 PXI(e) star trigger,<br>software trigger | |

| Ordering Information | Comment |
|---|---|
| **PXT1741** | Device with PXI Interface |
| **PXTe1741** | Device with PXIe Interface |

**Notes:** All product data are specified for 1 year at an ambient temperature of 23°C ±5°C (after 1 hour warm-up time).
Product specification and description in this document are subject to change without notice.

# FOR YOUR NOTES

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