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Find the *Excalibur Systems DAS-429PC/R0T10* at our website: *Click HERE*

# DAS-429PC/RxTx

## General Specifications

Supports up to 10 ARINC 429 Rx and Tx channels
Programmable 100KHz, 12.5KHz and Variable Bit Rate
16K x 16 dual-port RAM
32 bit processor
Programmable Interrupts

## Host Interface

| | |
|---|---|
| PC compliance: | AT, ISA, EISA Bus: |
| Memory space occupied: | 32K x 8 |
| Interrupts: | IRQ 2 - 15 |
| Power: | +5V ±5% @ 1.35A |
| | +12V ±5% @ 40mA |
| | -12V ±5% @ 100mA |

## Physical Characteristics

| | |
|---|---|
| Mechanical format: | 335mm x 102mm |
| Weight: | 450 grams |

## Operating Environment

| | |
|---|---|
| Temperature: | 0° - 70°C |
| Humidity: | 5% - 90% noncondensing |
| MTBF: | 60,800 hours at 25°C, $G_F$ |

## Transmit Channels

| | |
|---|---|
| Error Injection | Parity error |
| | Null bit error |
| | Stretch bit error |
| | Bit count low |
| | Bit count high |
| | Suppress parity |
| Programmable inter-word time | Between 4 and 255 bit times |
| Programmable inter-message time | Between 4 and 65535 bit times |

## Receive Channels

Error detection (all modes)
Filtering of receive data
Start storage on receipt of trigger

## Software Support

C Drivers with source code
Mystic GUI software for Windows 9*x* / NT

## Ordering Information

| | |
|---|---|
| DAS-429PC/RxTx | Multi-protocol Interface for PC compatibles |

DAS-429PC/RxTx-H: Half size version (up to 4 channels)

Note: “x” specifies the number of channels required

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ARINC - 429

1-800-MIL-1553

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