

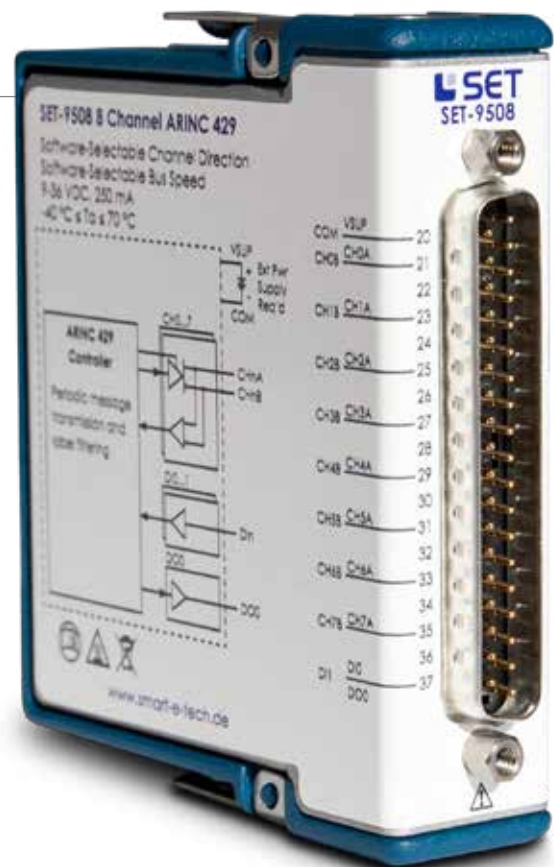
cRIO ARINC 429

cRIO Modules



High flexibility with easy application

The new SET cRIO ARINC 429 series offers a wide range of modules for numerous applications. The modules are available in different TX/RX channel configurations. The included LabVIEW FPGA API allows an easy integration into existing projects.



Module Features

- + Software selectable bus speed for each TX channel
- + Automatic bus speed recognition for RX channel
- + Hardware-based periodic message transmission
- + Hardware-based accelerated received message indexing by label
- + Direct TX and RX buffer access
- + **SET-943x**: Software selectable channel direction
- + **SET-948x**: Real time inline fault injection

Technical Data

- + Up to 8 channels each direction, software selectable channels (depending on module)
- + 12.5 kb/s and 100 kb/s software selectable bus speed
- + Short-circuit proof TX channels
- + -40 °C – 70 °C Environment temperature
- + 9V – 36 V, 250 mA external power supply

Module	# TX	# RX
SET-9434	4 CH software selectable direction	
SET-9438	8 CH software selectable direction	
SET-9451	2	8
SET-9464	4	4
SET-9468	8	8
SET-9484	4 CH inline fault injection	
SET-9488	8 CH inline fault injection	



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