

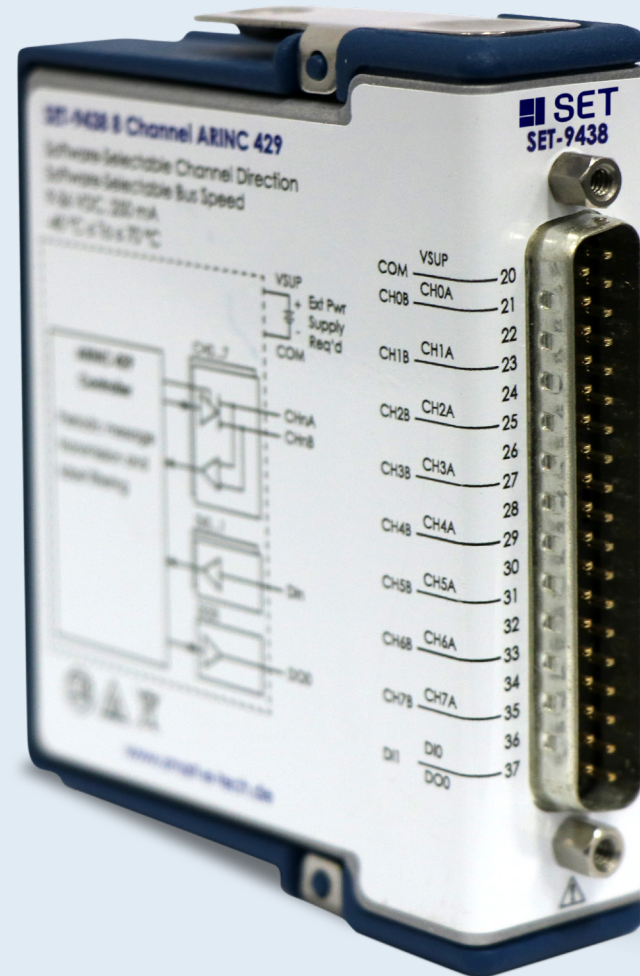
Datasheet

cRIO ARINC 429

**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.



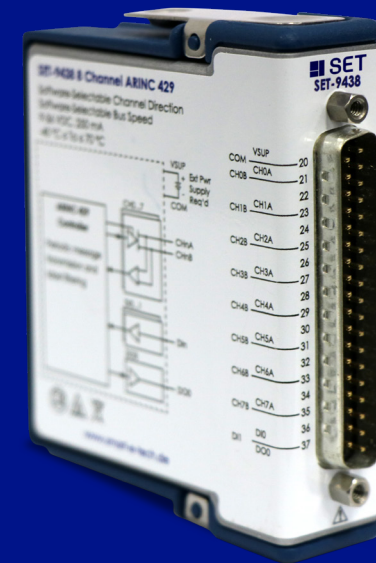
Module Features

- 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-946x:** Maximum specified signal density

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-9464	4	4
SET-9468	8	8



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