

I/O Overview

[illegible]

¹⁾ Extension for using extended signal analysis. Additional channels are required. ²⁾ The number of function instances is limited for selected functions. ³⁾ Several channel types are required for this function.

Bus Overview

Bus Overview					Buses and Networks										
					CAN/CAN FD	LIN	FlexRay	RS-232	RS-422	RS-485	Standard Ethernet (Physical Layer)	Automotive Ethernet (Physical Layer)	UDP	TCP	SOME/IP
SCALEXIO Bus Boards	SCALEXIO Processing Unit	Ethernet Adapter 1	No	1							✓		✓	✓	✓
		UART 5		1				✓							
	DS6001 Processor Board	Ethernet Adapter 1	No	1							✓		✓	✓	✓
		UART 6		1				✓							
	DS6301 CAN/LIN Board	CAN 2	No	4	✓										
		LIN 2		4		✓									
	DS6311 FlexRay Board	FlexRay 2	No	4			✓								
	DS6321 UART Board	UART 1	No	4				✓	✓	✓					
	DS6331-PE Ethernet Board	Ethernet Adapter 1	No	4							✓		✓	✓	✓
	DS6333-CS Automotive Ethernet Board	Ethernet Adapter 2	No	4							✓	✓	✓	✓	✓
	DS6333-PE Automotive Ethernet Board	Ethernet Adapter 2	No	4							✓	✓	✓	✓	✓
	DS6334-PE Ethernet Board	Ethernet Adapter 1	No	4							✓		✓	✓	
	DS6335-CS Ethernet Board	Ethernet Adapter 2	No	4							✓	✓	✓	✓	
	SCALEXIO Processing Unit	Ethernet Adapter 1	No	1							✓		✓	✓	✓
	DS6336-CS Ethernet Board	Ethernet Adapter 1	No	2							✓		✓	✓	✓
	DS6336-PE Ethernet Board	Ethernet Adapter 1	No	2							✓		✓	✓	✓
	DS6341 CAN Board	CAN 2	No	4	✓										
	DS6342 CAN Board	CAN 2	No	8	✓										
DS6351 LIN Board	LIN 2	No	8		✓										
DS2671 Bus Board	Bus 1	Yes	4	✓	✓	✓	✓	✓	✓						
DS2672 Bus Module (Add-on for DS2680)	CAN 1	Yes	2	✓											
	LIN 1		2		✓										
	FlexRay 1		2			✓									

SCALEXIO Aerospace Solutions

- SCALEXIO Interface Solution for ARINC 429
- SCALEXIO Interface Solution for ARINC 664 and AFDX®
(AFDX® is a registered trademark of AIRBUS)
- SCALEXIO Interface Solution for MIL-STD-1553

Additional SCALEXIO Solutions

- SCALEXIO Fieldbus Solution for PROFIBUS and EtherCAT
- SCALEXIO Serial Interface Solution for Serial Peripheral Interface (SPI) and Inter-Integrated Circuit (I²C)
- SCALEXIO EMH Solution for Electric Drives Simulation
- SCALEXIO TWINsync Solution
- PS15 Master/Slave Solution

