Series 62 Flexible Automotive Multibus Controllers







- \cdot available as standalone boxes in different performance classes and as PCIe/PXIe cards
- up to 16 independent and freely configurable bus interfaces
- \cdot additional digital and analog I/O channels as well as SENT Tx/Rx interfaces
- \cdot execution of user programs directly on the hardware under a real-time operating system
- · restbus simulations and test of complex control units
- support of transport and diagnostic protocols, network management, XCP, SecOC etc. directly on the hardware
- · use for performant Flash programming of control units





Technical specifications

Performance • use of cutting-edge	Stand-alone G CAR 6282	e-Box	Interfaces	Stand-alone-Box G CAR 6281, G PCle 6281, G PXle 6281
 technologies (Xilinx MPSoC) IP based communication controllers 	technologies (Xilinx MPSoC) IP based communication controllers Automotive BUS interfaces basic device max. 16			Automotive BUS interfaces basic device max. 8
	ove	rall max. 12	CAN FD/LIN/K-Line	overall max. 8
· real-time operating system		max. 12	CAN FD	max. 8
low latencies		max. 4	LIN/ K-Line	max. 6
	OVE	erall max. 2*	FlexRay*	overall max. 2*
Docthus Sim	ov	erall max. 2	100/1000Base-T1	overall max. 2
• unique time bas	e for basic device n	gnals nax. 4		Conventional signals basic device max. 8
different busses		0	Digital In/SENT Rx	overall max. 4
· gateway functio	n 📃	0	Digital In	max. 4
• execution of onl	poard	0	SENT Rx	max. 2
programs in a re	al-time ov	erall max. 4	Digital Out/SENT Tx	overall max. 4
operating system		max. 4	Digital Oút	max. 4
		0		111dX. 2
Application	00	0	Analog Out	
· gateway test	 Interfaces Ether 	net	Analog Out	Interfaces Ethernet
· development	extension board	max.3		extension board 0
• restbus simulation for	• • • • • • • • • • • • • • • • • • •	erall max. 3	100/1000Base-T1	0
		max. 3	100/1000Base-11	
· test stands	Interfaces I/O ex board max.48	ktension		Interfaces I/O extension board 0
· flash applications	ove	rall max. 16	Digital In/SENT Rx	0
		max. 16	Digital In	0
		max. 2	SENT Rx	0
Modularity	ove	rall max. 16	Digital Out/SENT Tx	0
• highly with regard to		max. 16	Digital Out	
		max. 4	SENT TX	
, ovtondablo, ccalablo		erall max 8	Analog In	
exteriuable, scalable			* each FlexR	av interface supports channel A a
• slot for industry bus modules		Software • LabVIEW		
· robus	t metal housing	ousing - G API for Windows		
· centra	al connector	ector · Net2Run as configuration tool for restbus		
	ve, fanless cooling			
Conce		simulation	Serie 62	
			Flexible	
Made in G ermany		0	Automotive Multibus Controllers	~
	GÖPFL electronic	GmbH		
Selectronic	Goeschwitzer Str. 58/ 07745 Jena · Germar		3641·6896 0 Phone 3641·6896 944 Fax	sales@goepel.com www.goepel.com
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