SIEMENS

Data sheet

6GK1562-2AA00

product type designation



CP 5622

Communications processor CP 5622 PCI Express X1 card for Connection of a PG or PC with PCI Express bus to PROFIBUS or MPI can be used under 32 bit and 64 bit For operating systems also refer to Entry ID 22611503.

tures of an areta	
transfer rate	
transfer rate	
at the 1st interface / according to PROFIBUS	9.6 kbit/s 12 Mbit/s
interfaces	
number of electrical connections	
 at the 1st interface / according to PROFIBUS 	1
type of electrical connection	
at the 1st interface / according to PROFIBUS	9-pin Sub-D socket (RS 485)
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
supply voltage	
 1 / from backplane bus 	3.3 V
 2 / from backplane bus 	12 V
relative symmetrical tolerance / at DC	
• at 3.3 V	9 %
• at 12 V	8 %
consumed current	
 1 / from backplane bus / at DC / maximum 	0.3 A
 2 / from backplane bus / at DC / maximum 	0.25 A
power loss [W]	4 W
ambient conditions	
ambient temperature	
during operation	5 55 °C
during storage	-20 +60 °C
during transport	-20 +60 °C
relative humidity / at 25 $^\circ\text{C}$ / without condensation / during operation / maximum	85 %
protection class IP	IP00
design, dimensions and weights	
module format	PCI Express x1
width	18 mm
height	112 mm
depth	101 mm
net weight	87 g
product features, product functions, product components / general	
number of plug-in cards of same design / plug-in / per PC station	1
number of units / note	-
performance data / open communication	

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software / for open communication / by means of SEND/RECEIVE / required	Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S7
number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
performance data / PROFIBUS DP	
software / for DP master function / required	Yes, SOFTNET-PB DP
service / as DP master	
• DPV0	Yes
• DPV1	Yes
• DPV2	No
number of DP slaves / on DP master / operable	64
data volume	
 of the address range of the inputs / as DP master / total 	14640 byte
 of the address range of the outputs / as DP master / total 	14640 byte
 of the address range of the inputs / per DP slave 	244 byte
 of the address range of the outputs / per DP slave 	244 byte
• of the address range of the diagnostic data / per DP slave	244 byte
software / for DP slave function / required	Yes, SOFTNET-PB DP slave
service / as DP slave	
• DPV0	Yes
• DPV1	No
data volume	
 of the address range of the inputs / as DP slave / total 	122 byte
 of the address range of the outputs / as DP slave / total 	122 byte
performance data / S7 communication	
software / for S7 communication / required	Yes, SOFTNET-PB S7
number of possible connections / for S7/PG communication /	8
maximum	
performance data / multi-protocol mode	
number of configurable connections / per PC station	207
product functions / management, configuration, engineering	
configuration software / required	Included in the scope of delivery of the required software product
product functions / diagnostics	
product function	
port diagnostics	Yes
standards, specifications, approvals	
standard	
• for EMC	2004/108/EC
for safety / from CSA and UL	CAN/CSA C22.2 & UL 60950-1
for emitted interference	EN 61000-6-3, EN 61000-6-4
for interference immunity	EN 61000-6-1, EN 61000-6-2
certificate of suitability	Nee.
CE marking	Yes
• C-Tick	Yes
accessories	
accessories	optional: MPI cable
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
to website: Industry Mall	http://www.siemens.com/industrial-controls/mall
to website: Information and Download Center	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
to website: CAx-Download-Manager	http://www.siemens.com/cax
to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection

concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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