## **SIEMENS**

Product data sheet 6GK1562-1AA00



COMMUNICATION PROCESSOR CP 5621 PCI EXPRESS X1-CARD (32 BIT);

FOR CONNECT. A PG OR A PC WITH PCI EXPRESS-BUS TO PROFIBUS OR MPI;

CURRENTLY ONLY 32BIT SUPPORT IN CONNECTION WITH SIMATIC NET V8.2 SW!

Transmission rate	
Transmission rate	
• at interface 1 / in accordance with PROFIBUS	
• minimum	9.6 kbit/s
• maximum	12 Mbit/s
Interfaces	
Number of electrical connections / at interface 1 / in accordance with PROFIBUS	1
Supply voltage, current consumption, power loss	
Supply voltage	
• 1 / from backplane bus	3.3 V
• 2 / from the backplane bus	12 V
Relative symmetrical tolerance	
• at 3.3 V / with DC	9 %
• at 12 V / with DC	8 %
Consumed current	
• 1 / from backplane bus / with DC / maximum	0.4 A
• 2 / from backplane bus / with DC / maximum	0.18 A
Resistive loss	2.2 W
Permitted ambient conditions	
Ambient temperature	

- during storage - during storage - during storage - 20 +60 °C  Relative humidity / az 25 °C / without condensation / during operating / maximum / Protection class IP  Protection class IP  Performance ata / Protection   18 mm  Height Height Height Height Height Height Hough   129 mm Not weight  Product properties, functions, components / general Number of plug-in cards in the same design / can be plugged in / per Station  Performance data / open communication Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP  Service / as DP master - DPV1 - DPV2 - No Number of DP slaves / on DP master / usable - of the address area of the outputs / as DP master / overall - of the address area of the inputs / as DP master / overall - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the outputs / per DP slave - of the address area of the outputs / per DP slave - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall - of the address ar		
eluting transport	during operating	
Relative humidity / at 25 °C / without condensation / during operating / maximum  Protection class IP  Design, dimensions and weight  Width 18 mm  Height 111 mm  Depth 129 mm  Net weight 100 g  Product properties, functions, components / general  Number of plug-in cards in the same design / can be plugged in / per PC station  Performance data / per communication / by means of SEND/RECEIVE / maximum  Performance data / sen on DP master / usable  Amount of data  - of the address area of the inputs / ser DP master / overall - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inputs / per DP slave / 244 byte - of the address area of the inp	during storage	-20 +60 °C
Protection class IP IP00  Design, dimensions and weight  Width 18 mm Height 111 mm Depth 129 mm Net weight 100 g  Product properties, functions, components / general  Number of plug-in cards in the same design / can be plugged in / per Pc station Pc station  Number of plug-in cards in the same design / can be plugged in / per Pc station  Number of plug-in cards in the same design / can be plugged in / per Pc station  Performance data / open communication Number of possible connections / for open communication / by means of SEND/RCECIVE / maximum  Performance data / PROFIBUS DP  Service / as DP master	during transport	-20 +60 °C
Design, dimensions and weight   18 mm   Height   111 mm   Depth   129 mm   Net weight   100 g   Product properties, functions, components / general   Number of plug-in cards in the same design / can be plugged in / per   PC station   Performance data / Open communication   Number of plug-in cards in the same design / can be plugged in / per   PC station   Performance data / Open communication   Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum   Performance data / PROFIBUS DP   Service / as DP master   DPV0   Yes   OPV1   No   No   OPV1   No   OPV2   No   OPV1   OPV2   No   OPV1   OPV2   No   OPV1   OPV2   OPV2   OPV1   OPV2   OPV2   OPV3   OPV4   O		85 %
Width 118 mm Height 111 mm Depth 129 mm Net weight 100 g  Product properties, functions, components / general Number of plug-in cards in the same design / can be plugged in / per PC station Number of plug-in cards in the same design / can be plugged in / per PC station Number of possible connections / for open communication / by means of SEND/RECEUE/ maximum  Performance data / PROFIBUS DP  Service / as DP master  - DPV0 Yes - DPV1 No - DPV2 No - DPV1 No - DPV2 No - DPV1 No - OPV2 No - OPV1 Amount of data  - of the address area of the inputs / as DP master / overall 14640 byte - of the address area of the outputs / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the inputs / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the diagnostic data / per DP slave 244 byte - of the address area of the d	Protection class IP	IP00
Height 111 mm Depth 129 mm Net weight 100 g  Product properties, functions, components / general Number of plug-in cards in the same design / can be plugged in / per C station Performance data / open communication Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Service / as DP master  • DPV0 • DPV1 • DPV2 • No No Number of DP slaves / on DP master / usable • of the address area of the inputs / as DP master / overall • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave • DPV0 • DPV1 • No  Amount of data • of the address area of the inputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of	Design, dimensions and weight	
Depth Net weight 129 mm Net weight 100 g  Product properties, functions, components / general Number of plug-in cards in the same design / can be plugged in / per PC station  Performance data Performance data / open communication Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP  Service / as DP master	Width	18 mm
Net weight  Product properties, functions, components / general  Number of plug-in cards in the same design / can be plugged in / per PC station  Performance data  Performance data / open communication  Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum  Performance data / PROFIBUS DP  Service / as DP master  - DPV0  - DPV1  - DPV2  No  Number of DP slaves / on DP master / usable  - of the address area of the inputs / as DP master / overall  - of the address area of the outputs / per DP slave  - of the address area of the outputs / per DP slave  - of the address area of the diagnostic data / per DP slave  - of the address area of the diagnostic data / per DP slave  - DPV0  - DPV1  No  Service / as DP slave  - of the address area of the inputs / per DP slave  - of the address area of the outputs / per DP slave  - of the address area of the outputs / per DP slave  - OPV0  - DPV1  No  Amount of data  - of the address area of the inputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / as DP slave / overall  - of the address area of the outputs / a	Height	111 mm
Product properties, functions, components / general  Number of plug-in cards in the same design / can be plugged in / per PC station  Performance data / Performance data / Performance data / open communication  Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum  Performance data / PROFIBUS DP  Service / as DP master	Depth	129 mm
Number of plug-in cards in the same design / can be plugged in / per PC station  Performance data  Performance data / open communication  Number of possible connections / for open communication / by means of SEND/RECE/IVE / maximum  Performance data / PROFIBUS DP  Service / as DP master	Net weight	100 g
Performance data / open communication Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Service / as DP master	Product properties, functions, components / general	
Performance data / open communication  Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum  Performance data / PROFIBUS DP  Service / as DP master  • DPV0  • DPV1  • DPV2  No  No  Number of DP slaves / on DP master / usable  Amount of data  • of the address area of the inputs / as DP master / overall  • of the address area of the inputs / per DP slave  • of the address area of the diagnostic data / per DP slave  • of the address area of the diagnostic data / per DP slave  • of the address area of the diagnostic data / per DP slave  • of the address area of the diagnostic data / per DP slave  • DPV0  • DPV1  Amount of data  • of the address area of the inputs / as DP slave / overall  • DPV0  • DPV1  Amount of data  • of the address area of the inputs / as DP slave / overall  • DPV0  • DPV1  Amount of data  • of the address area of the inputs / as DP slave / overall  • of the address area of the inputs / as DP slave / overall  • OF the address area of the inputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall  • OF the address area of the outputs / as DP slave / overall		1
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DPV0 DPV1 No DPV2 No No No Number of DP slaves / on DP master / usable Amount of data  of the address area of the inputs / as DP master / overall of the address area of the outputs / per DP slave of the address area of the outputs / per DP slave of the address area of the diagnostic data / per DP slave of the address area of the diagnostic data / per DP slave  PDPV0 DPV1 No Amount of data  of the address area of the inputs / as DP slave / overall of the address area of the diagnostic data / per DP slave  Performance data / S7 communication Number of possible connections / for S7/PG communication / maximum  Performance data / multi-protocol mode	Performance data / PROFIBUS DP	
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Number of DP slaves / on DP master / usable  Amount of data  • of the address area of the inputs / as DP master / overall • of the address area of the outputs / as DP master / overall • of the address area of the inputs / per DP slave • of the address area of the outputs / per DP slave • of the address area of the diagnostic data / per DP slave • of the address area of the diagnostic data / per DP slave  Service / as DP slave • DPV0 • DPV1  Amount of data • of the address area of the inputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall • of the address area of the outputs / as DP slave / overall  Performance data / S7 communication  Number of possible connections / for S7/PG communication / maximum  Performance data / multi-protocol mode	• DPV1	No
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<ul> <li>of the address area of the outputs / as DP master / overall</li> <li>of the address area of the inputs / per DP slave</li> <li>of the address area of the outputs / per DP slave</li> <li>of the address area of the diagnostic data / per DP slave</li> <li>of the address area of the diagnostic data / per DP slave</li> <li>Service / as DP slave</li> <li>DPV0</li> <li>Yes</li> <li>DPV1</li> <li>No</li> <li>Amount of data</li> <li>of the address area of the inputs / as DP slave / overall</li> <li>of the address area of the outputs / as DP slave / overall</li> <li>of the address area of the outputs / as DP slave / overall</li> <li>122 byte</li> <li>Performance data / S7 communication</li> <li>Number of possible connections / for S7/PG communication / maximum</li> <li>Performance data / multi-protocol mode</li> </ul>	Amount of data	
<ul> <li>• of the address area of the inputs / per DP slave</li> <li>• of the address area of the outputs / per DP slave</li> <li>• of the address area of the diagnostic data / per DP slave</li> <li>• of the address area of the diagnostic data / per DP slave</li> <li>• DPV0</li> <li>• DPV1</li> <li>Amount of data</li> <li>• of the address area of the inputs / as DP slave / overall</li> <li>• of the address area of the outputs / as DP slave / overall</li> <li>• of the address area of the outputs / as DP slave / overall</li> <li>Performance data / S7 communication</li> <li>Number of possible connections / for S7/PG communication / maximum</li> <li>Performance data / multi-protocol mode</li> </ul>	• of the address area of the inputs / as DP master / overall	14640 byte
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Service / as DP slave  • DPV0  • DPV1  No  Amount of data  • of the address area of the inputs / as DP slave / overall  • of the address area of the outputs / as DP slave / overall  • of the address area of the outputs / as DP slave / overall  Performance data / S7 communication  Number of possible connections / for S7/PG communication / maximum  Performance data / multi-protocol mode	• of the address area of the outputs / per DP slave	244 byte
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Number of possible connections / for S7/PG communication / maximum  Performance data / multi-protocol mode	• of the address area of the outputs / as DP slave / overall	122 byte
Performance data / multi-protocol mode	Performance data / S7 communication	
		8
Number of configurable connections / per PC station 207	Performance data / multi-protocol mode	
	Number of configurable connections / per PC station	207

Product functions / Diagnosis	
Product function / Port diagnostics	Yes
Standards, specifications, approvals	
Standard	
• for EMC	2004/108/EC
Verification of suitability	
CE mark	Yes
• C-Tick	Yes
letzte Änderung:	Jul 17, 2012