

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6AR1302-0AA00-0AA0

FOUR CHANNEL ANALOG OUTPUT BOARD

Used with the applicable SICOMP SMP16 EA241 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens SICOMP ST PC 2007 catalog, SMP16 EA241, catalog page 3/99

Industrial PC

SICOMP Industrial Microcomputer

Expansion modules

Overview



There are numerous expansion modules for the industrial microcomputer, permitting expansion up to a powerful complete system with up to 21 standard slots, e. g.

- Memory
 - Mass storage module including hard disk and floppy disk drive
 - PCMCIA interface
- Communication
 - PROFIBUS interface (also equidistant mode)
 - CAN bus interface
 - Serial RS 232/TTY or RS 485 interfaces
 - SIMOLINK
- Central inputs/outputs
 - 24 V digital inputs and outputs, isolated
 - Analog inputs and outputs
 - Counter, positioning, position control
 - Intelligent I/O modules and PMC modules

3

Ordering data

Order No.

Order No.

Mass storage

- | | | |
|---|---|----------------------------|
| • SMP16-MEM040
PCMCIA interface
according to PCMCIA standard,
PC-CARD 95 BIOS expansion | A | 6AR1 301-0DD10-0AA0 |
| • CPCI-MEM371
AT mass storage plug-in with
6.0 ... 30.0 GB hard disk
1.44 MB diskette | A | 6AR1 341-0CA30-0AA0 |

Interface expansion cards

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|---|---|----------------------------|
| • SMP16-COM201
PROFIBUS DP interface
up to 12 Mbit/s | | 6AR1 303-0ED00-0AA0 |
| • CPCI-COM202
DP master with equidistant
PROFIBUS | A | 6AR1 343-0ED00-0AA0 |
| • SMP16-COM291
SICOMP Ethernet interface,
10 Mbit/s | A | 6AR1 303-0AA01-0AA0 |
| • CPCI-COM168
Full-CAN, 2 channels | A | 6AR1 343-0FK00-0AA0 |

Serial interface module

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|---|---|----------------------------|
| • SMP16-COM224
with 4 channels, V.24 or TTY | E | 6AR1 303-0BA00-0AA0 |
| • CPCI-COM222
with 2 (opt. 4) channels RS 232,
(TTY or RS485 on request) | A | 6AR1 343-0BA00-0AA0 |

Ethernet interface 10 or 100 Mbit/s

- | | | |
|---|---|----------------------------|
| • CPCI-COM294
with 2 channels,
2 x RJ45 socket at front | A | 6AR1 343-0AA00-0AA0 |
| • KSP-COM294
with 2 channels and 6-way
switch, 8 x RJ45 socket at front
- 2 slots | A | 6AR1 343-0AA10-0AA0 |
| • CPCI-COM295
with 8-way switch,
8 x RJ45 socket at front
- 2 slots | A | 6AR1 343-0AA20-0AA0 |

A) Subject to export regulation: AL: N and ECCN: EAR99H

E) Subject to export regulations: AL: N and ECCN: EAR99

Central I/O modules

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|--|---|----------------------------|
| • Digital input/output modules,
24 V, electrically isolated | | |
| - SMP16-EA217
with 32 inputs | A | 6AR1 302-0AE00-0AA0 |
| - SMP16-EA216
with 32 inputs | A | 6AR1 302-0AD00-0AA0 |
| - CPCI-EA221
with 16 inputs
and 16 outputs, 2 counters | A | 6AR1 342-0AF00-0AA0 |
| • Analog input/output modules | | |
| - SMP16-EA236
with 16 inputs | A | 6AR1 302-0AB00-0AA0 |
| - SMP16-EA241
with 4 outputs,
16 bit resolution,
10 V bipolar and unipolar or
0/0.004 ... 0.02 A | A | 6AR1 302-0AA00-0AA0 |
| SMP16-SFT304
Controller module with interrupt
and counter/timer control | A | 6AR1 304-0CA00-0AA0 |
| SMP16-SFT251
Counter module with two 32-bit
incremental/pulse counters | | 6AR1 304-0EA00-0AA0 |
| SMP16-SFT260
Positioning module,
max. 4 channels, SSI or
incremental encoder can be
connected | A | 6AR1 304-0AA01-0AA0 |
| CPCI-SFT364
Intelligent stepper motor
controller, 2 channels | A | 6AR1 344-0AA00-0AA0 |
| SMP16-SFT372
Intelligent position controller for
servo systems, incremental and
SSI encoders, fast PID controller,
1 axis | A | 6AR1 304-0AA00-0AA0 |
| SMP16-SFT375
SIMOLINK interface | A | 6AR1 303-0HH00-0AA0 |