



This newsletter contains all information that is newsworthy for users. It is updated on an ongoing basis. The user can tell from the version number if something has changed. **Changes made since the last version are marked in red.**

1. PROFIBUS DP

Standard: I&M functions as of October 1, 2005 are mandatory for DP field devices with new ID number and acyclic channels. They are not mandatory for expansions of existing devices.

Busmonitor: the new version of the amprolyzer can be downloaded free of charge from the following web page: <http://support.automation.siemens.com/WW/view/en/18818699>

GSD: Current version V 5.0

ASICs: Refer to the relevant HW documentation in www.siemens.de/comdec for a complete list of order numbers for ASICs.

SPC3:

ASIC SPC3	6ES7 195-0BD04-0XA0	Evaluation pack; 6pcs.
(Step C)	6ES7 195-0BD14-0XA0	Single tray; 96pcs.
Lead free	6ES7 195-0BD24-0XA0	Try box; 960pcs
	6ES7 195-0BD34-0XA0	10 tray box; 4800pcs

New: SPC3 LV:

3,3V Version of the SPC3

ASIC SPC3LV	6ES7 195-0BG00-0XA0	Evaluation pack; 5pcs
(STEP C)	6ES7 195-0BG10-0XA0	Single tray; 160pcs
Lead free	6ES7 195-0BG20-0XA0	Try box; 800pcs.
	6ES7 195-0BG30-0XA0	6 tray box; 4800pcs.
	6ES7 195-0BG40-0XA0	Tape and reel; 1000pcs.

There is a documentation available which describes the differences between the SPC3-ASIC variants.

Firmware:

Order No: 6ES7 195-2BA00-0XA0 Firmware for DPV0: DPS2 V1.3

Order No: 6ES7 195-2BA01-0XA0 Firmware for DPV1: DPSE V1.24

Order No: 6ES7 195-2BA02-0XA0 Firmware upgrade of DPV0 to DPV1:

Development package for SPC3:

Development Kit #4: Order No: 6ES7 195-3BA20-0YA0, consisting of:
CP 5613 as master, IM 183 and IM 184 as slaves: DPS2, Docu: V1.0

DPC31:

ASIC DPC31	6ES7 195-0BE02-0XA0	Evaluation pack.	6
(Step B)	6ES7 195-0BE12-0XA0	Single tray	60
bleifrei	6ES7 195-0BE22-0XA0	Tray box	300
	6ES7 195-0BE30-0XA0	17 tray boxes	5100

ASIC DPC31	6ES7195-0BF02-0XA0	Evaluation pack; 6pcs
(Step C1)	6ES7195-0BF12-0XA0	Single tray; 66pcs -

bleifrei 6ES7195-0BF22-0XA0 Tray box; 660pcs -
 6ES7195-0BF32-0XA0 7 tray boxes; 4620pcs -

There is a documentation available which describes the differences between the DPC31-ASIC variants.

Firmware:

Order No: 6ES7 195-2BB00-0XA0 Firmware for DPV1, IsoM, DxB: V2.3

Development kit for DPC31:

Order No: 6ES7 195-3BA10-0YA0, consisting of:
 CP5613 as master, developer board with DPC31 as Slave, V1SL firmware, cabling, Docu: V1.3

ASPC2:

ASIC ASPC2 6ES7 195-0AA05-0XA0 Evaluation pack; 6pcs.
 (ASPC2R) 6ES7 195-0AA15-0XA0 Single tray; 66pcs.
 Lead free 6ES7 195-0AA25-0XA0 Tray box; 660pcs.
 6ES7 195-0AA35-0XA0 7 tray box; 4620pcs.

LSPM2:

ASIC LSPM2 6ES7 195-0BA02-0XA0 Evaluation pack; 6pcs.
 Lead free 6ES7 195-0BA12-0XA0 Single tray; 66pcs.
 6ES7 195-0BA22-0XA0 Tray box; 330pcs.
 6ES7 195-0BA32-0XA0 15 tray box; 4950pcs.

EU Guideline *****

All ASICs indicated above are implemented lead-free in accordance with the following guidelines.

2002/96/EC WEEE - **W**aste **E**lectrical and **E**lectronic **E**quipment

2002/95/EC RoHs - **R**estriction of the Use of **H**azardous **S**ubstances

FOCSI, fiber-optic cable block:

Order No. 6ES7 195-0EA00-0XA0, lead-free as of 08/2006

SPC, discontinued

SPM2, discontinued on June 30, 2005

SPC4-2:

Starting immediately, the SPC4-2 ASIC is available only in a lead-free version, which can be processed in both lead and lead-free soldering processes.

Order numbers for the lead-free blocks are:

SPC4-2 LF	
6GK1 588-3AA00	Small packaging (5 units)
6GK1 588-3AA15	Single Tray (160 units)

SIM 1-2

6GK1588-3BB02: 60 pieces in Tube

6GK1588-3BB21: 1000 pieces in T&R

PROFIsafe: PROFIsafe Starter Kit:

Order No.: 6ES7 195-3BF02-0YA0, release V3.4, (V1 and V2)

PROFIsafe Layer Tester:

Order No. → check off in the test order, releaseVersion for PS V1 and V2

Reference sources only in connection with a certification test

Certifications at ComDeC possible for:

DPV0, DPV1, IsoM, DxB → master and slave, PROFIsafe (V1 and V2),
PROFIdrive

Test order at www.siemens.com/comdec --> PROFIBUS manuals

Tools: GSD Editor is available from PNO (www.profibus.com)

Reference: 'New Quick Start Guide to PROFIBUS' available from PNO