

Product Discontinuation Notification



cSCALE S6 Series

PDN-no. WMC-PDN-2022-12434
Announcement date June 8, 2022
Subject cSCALE S6 will be discontinued, replacement available with cSCALE S9

Delivery of new parts from As of today

Reason for discontinuation Various built-in components including the microprocessor for CPU S6 modules are discontinued by the supplier

Description The existing CPU S6 module had to be redesigned and will be replaced by the new CPU S9 module. Matching 3xCAN communication modules also had to be redesigned and will be replaced by 3xCAN ETH modules, to fit to the new CPU architecture.

All other existing power supply and IO modules remain unaffected.

Replacement of the new internal components has no impact on the mechanical and electrical features. The new controllers are electrically and mechanically compatible with the old version and can be substituted physically on a one-to-one basis.

The Firmware of the CPU S9 has been adapted to the new microprocessor architecture (changed from MIPS to ARM-Cortex). Conforming to this, the existing and released applications have to be carefully migrated in line with recommended product and migration documents.

Housings:

- same housings types
- same mounting options and same connector position
- same protection rating

Electrical interface:

- same electrical connector interface
- same installation
- latest generation of EMC protection

Software interface:

- new CoDeSys 2.3 compatible TSP (Target Support Package) generation
- new USB flash-stick
- same error behavior

Measures

New target support package (TSP)
 cSCALE S6 to S9 migration documentation
 Limited last-time buy of old cSCALE S6 configurations

Available documentation

Datasheets (s. new features)
 System manual
 Migration brochure
 Video: 6-steps from S6 to S9 in CoDeSys
 CE Mark
 PL d/ SIL2 certificate

Last-time buy orders until

October 31, 2022

End of Service (EoS)

June 8, 2025

Products affected

Please see list below

Part# (old)	Product name (old)	Part# (new)	Product name (new)
608966	cSCALE S6-66 , B32, C3 XX 02 02 03 02 02	623050	cSCALE S9-66 , B32, C3 XX 02 02 03 02 02
621000	cSCALE S6-20 , A01, C5 66 55 55 55 32 32	83901274	cSCALE S9-20 , A01, C5 66 55 55 55 32 32
621009	cSCALE S6-20 , B01, C3 DC 32 32 32 32 32	83902105	cSCALE S9-20 , B01, C3 DC 32 32 32 32 32
621011	cSCALE S6-20 , A01 32 00 00 00 00 00	83902104	cSCALE S9-20 , A01 32 00 00 00 00 00
621012	cSCALE S6-20 , A01 32 32 00 00 00 00	83902108	cSCALE S9-20 , A01 32 32 00 00 00 00
621017	cSCALE S6-20 , A01 00 00 00 00 00 00	83902110	cSCALE S9-20 , A01 00 00 00 00 00 00
621020	cSCALE S6-20 , A01 43 00 00 00 00 00	83902936	cSCALE S9-20 , A01 43 00 00 00 00 00
621022	cSCALE S6-20 SIL2/PLd, A01 32 32 32 00 00 00	83902116	cSCALE S9-20 SIL2/PLd, A01 32 32 32 00 00 00
621025	cSCALE S6-20 , A01, C5 00 00 00 00 00 00	83902937	cSCALE S9-20 , A01, C5 00 00 00 00 00 00
621026	cSCALE S6-20 , B01, C3 32 32 55 43 55 66	83900840	cSCALE S9-20 , B01, C3 32 32 55 43 55 66
621037	cSCALE S6-20 , B01, C3 32 32 32 32 32 32	83902117	cSCALE S9-20 , B01, C3 32 32 32 32 32 32
621038	cSCALE S6-20 , A01 32 32 32 00 00 00	83902844	cSCALE S9-20 , A01 32 32 32 00 00 00
621039	cSCALE S6-20 SIL2/PLd, A01 32 66 00 00 00 00	83902938	cSCALE S9-20 SIL2/PLd, A01 32 66 00 00 00 00

Part# (old)	Product name (old)	Part# (new)	Product name (new)
621047	cSCALE S6-20 , A01 55 55 55 00 00 00	83901211	cSCALE S9-20 , A01 55 55 55 00 00 00
621050	cSCALE S6-20 , A01, C5 43 43 55 00 00 00	83902939	cSCALE S9-20 , A01, C5 43 43 55 00 00 00
623002	cSCALE S6-66 , C32, C3 XX 00 00 00 00 00	623051	cSCALE S9-66 , C32, C3 XX 00 00 00 00 00
623003	cSCALE S6-66 , B32 00 00 00 00 00 00	623052	cSCALE S9-66 , B32 00 00 00 00 00 00
623009	cSCALE S6-66 , A32 02 06 00 00 00 00	83902106	cSCALE S9-66 , A32 02 06 00 00 00 00
623010	cSCALE S6-66 , C32, C3 XX 02 00 00 00 00	623053	cSCALE S9-66 , C32, C3 XX 02 00 00 00 00
623012	cSCALE S6-66 , A32, C3 XX 02 00 00 00 00	83902940	cSCALE S9-66 , A32, C3 XX 02 00 00 00 00
623017	cSCALE S6-66 , A32 00 00 00 00 00 00	83902107	cSCALE S9-66 , A32 00 00 00 00 00 00
623019	cSCALE S6-66 , B32, C3 XX 02 02 03 02 05	83900839	cSCALE S9-66 , B32, C3 XX 02 02 03 02 05
623034	cSCALE S6-66 , A32, C3 XX 02 02 03 02 03	83901904	cSCALE S9-66 , A32, C3 XX 02 02 03 02 03
623035	cSCALE S6-66 , C32 00 00 00 00 00 00	83900340	cSCALE S9-66 , C32 00 00 00 00 00 00
623036	cSCALE S6-66 SIL2/PLd, A32 03 00 00 00 00 00	83902941	cSCALE S9-66 SIL2/PLd, A32 03 00 00 00 00 00
623037	cSCALE S6-66 SIL2/PLd, B32, C2 XX 0C 02 04 05 05	83902942	cSCALE S9-66 SIL2/PLd, B32, C2 XX 0C 02 04 05 05
623045	cSCALE S6-66 SIL2/PLd, B32 03 0C 02 04 05 05	83902120	cSCALE S9-66 SIL2/PLd, B32 03 0C 02 04 05 05
623046	cSCALE S6-66 SIL2/PLd, A32 02 02 00 00 00 00	83902102	cSCALE S9-66 SIL2/PLd, A32 02 02 00 00 00 00
83900462	cSCALE S6-20 , B01, C3 32 32 55 55 55 00	83902118	cSCALE S9-20 , B01, C3 32 32 55 55 55 00
83900631	cSCALE S6-66 SIL2/PLd, A32 04 06 00 00 00 00	83902119	cSCALE S9-66 SIL2/PLd, A32 04 06 00 00 00 00
83901014	cSCALE S6-20 SIL2/PLd, A01 32 00 00 00 00 00	83901696	cSCALE S9-20 SIL2/PLd, A01 32 00 00 00 00 00
83901999	cSCALE S6-66 , A32 02 02 02 04 0T 0T	83902943	cSCALE S9-66 , A32 02 02 02 04 0T 0T
608966	cSCALE S6-66 , B32, C3 XX 02 02 03 02 02	623050	cSCALE S9-66 , B32, C3 XX 02 02 03 02 02
621013	cSCALE S6-20 SIL2/PLd, A01 32 32 00 00 00 00		Replacement not available
621033	cSCALE S6-20 , A01 32 00 00 00 00 00		Replacement not available

For further questions or any additional assistance, please contact your key account manager or your local sales office directly. All contacts for sales representatives are available here: [WMC Global Network](#)