AC500 CPU Firmware / Programming Software Overview

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Date	Description	Author	Index
08.11.16	Creation of the document	ReAm	-
12.06.17	New FW V2.6 added, AC500 V3 CPU added	ReAm	A
11.04.18	Introduction from V2.7.2 and V2.3.6 for flash replacement	ReAm	B
14.05.18	Introduction of AC500-eCo CPU overview	ReAm	C
28.05.18	Modification address	ReAm	D

Note: This document summarizes the FW / SW versions and production index from the available AC500 CPUs.

It gives also the dependencies between FW/SW versions and is give as information.

For each FW or SW version, a link to the release notes is provided if existing.

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Active AC500 V2 Process Modules

Type	Part Number Production Index	CPU FW V2.0.2	CPU FW V2.0.4	CPU FW V2.0.6	CPU FW V2.1.3	CPU FW V2.2.0	CPU FW V2.2.1	CPU FW V2.3.0	CPU FW V2.3.3	CPU FW V2.3.6	CPU FW V2.4.2	CPU FW V2.4.4	CPU FW V2.4.6	CPU FW V2.5.1	CPU FW V2.5.2	CPU FW V2.5.3	CPU FW V2.6.0	CPU FW V2.7.0	CPU FW V2.7.2
	Launch date					Jul. 12		Mrz. 13	Jan. 14	Mrz. 18	Mrz. 15	Sep. 15	Nov. 15	Mrz. 16	Apr. 16	Sep. 16	Mai. 17	Apr. 18	Apr. 18
PM572	1SAP130200R0200	CBP V2.0.0 A2	-	CBP V2.0.1 A4	CBP V2.1.0 A5	CBP V2.2.0 A6	-	AB 1.0.0 / CBP V2.3.0 A7	AB 1.0.1 A8	-	AB 1.1.1 B0	AB 1.1.2 B1	-	-	AB 1.2.2 B2	AB 1.2.3 B3	AB 2.0.1 B4	-	AB 2.1.1 C0
PM573-ETH	1SAP130300R0271	CBP V2.0.0 A2	-	CBP V2.0.1 A4	CBP V2.1.0 A5	CBP V2.2.0 A6	-	AB 1.0.0 / CBP V2.3.0 A7	AB 1.0.1 A8	-	AB 1.1.1 B0	AB 1.1.2 B1	-	-	AB 1.2.2 B2	AB 1.2.3 B3 / B4	AB 2.0.1 B5	-	AB 2.1.1 C0
PM582	1SAP140200R0201	CBP V2.0.0 A2	-	CBP V2.0.1 A4	CBP V2.1.0 A5	CBP V2.2.0 A6	-	AB 1.0.0 / CBP V2.3.0 A7	AB 1.0.1 A8	-	AB 1.1.1 B0	AB 1.1.2 B1	-	-	AB 1.2.2 B2	AB 1.2.3 B3	AB 2.0.1 B4	-	AB 2.1.1 C0
PM583-ETH	1SAP140300R0271	CBP V2.0.0 A2	-	CBP V2.0.1 A4	CBP V2.1.0 A5	CBP V2.2.0 A6	-	AB 1.0.0 / CBP V2.3.0 A7	AB 1.0.1 A8	-	AB 1.1.1 B0	AB 1.1.2 B1	-	-	AB 1.2.2 B2	AB 1.2.3 B3	AB 2.0.1 B4	-	AB 2.1.1 C0
PM585-ETH	1SAP140500R0271													AB 1.2.1 A2	AB 1.2.2 A4	AB 1.2.3 A5	AB 2.0.1 A6		AB 2.1.1 A7
PM590-ARC	1SAP150000R0261										AB 1.1.1 A2	AB 1.1.2 A3	-	AB 1.2.1 A4	AB 1.2.2 A5	AB 1.2.3 A6	AB 2.0.1 A7	-	AB 2.1.1 A8
PM590-ETH	1SAP150000R0271			CBP V2.0.1 D4	CBP V2.1.0 D5-D6	CBP V2.2.0 D7	-	AB 1.0.0 / CBP V2.3.0 D8	AB 1.0.1 D9	-	AB 1.1.1 E1	AB 1.1.2 E2	-	AB 1.2.1 E3	AB 1.2.2 E4	AB 1.2.3 E5	AB 2.0.1 E6	-	AB 2.1.1 E7
PM591-ETH	1SAP150100R0271			CBP V2.0.1 D4	CBP V2.1.0 D5-D6	CBP V2.2.0 D7	-	AB 1.0.0 / CBP V2.3.0 D8	AB 1.0.1 D9	-	AB 1.1.1 E1	AB 1.1.2 E2	-	AB 1.2.1 E3	AB 1.2.2 E4	AB 1.2.3 E5	AB 2.0.1 E6	-	AB 2.1.1 E7
PM591-2ETH	1SAP150100R0277										AB 1.1.1	AB 1.1.2 A5	-	AB 1.2.1 A6	AB 1.2.2 A7	AB 1.2.3 A8	AB 2.0.1 A9		AB 2.1.1 B0
PM592-ETH	1SAP150200R0271				CBP V2.1.0 A6	CBP V2.2.0 A7	-	AB 1.0.0 / CBP V2.3.0 A8	AB 1.0.1 A9	-	AB 1.1.1 B1	AB 1.1.2 B2	-	AB 1.2.1 B3	AB 1.2.2 B4	AB 1.2.3 B5	AB 2.0.1 B6	-	AB 2.1.1 B7
PM595-4ETH-F	1SAP155500R0279										AB 1.1.1 A7	AB 1.1.2 A8	-	AB 1.2.1 A9	AB 1.2.2 B0	AB 1.2.3 B1	AB 2.0.1 B2	AB 2.1.1 B3	
CM574-RS	1SAP170400R0201		CBP V2.0.0	-	CBP V2.1.0	CBP V2.2.0	-	-	-	-	-	AB 1.1.2 A6	AB 1.1.2 A7	-	-	-	-		AB 2.1.1 C0
CM574-RCOM	1SAP170401R0201		CBP V2.0.0	-	CBP V2.1.0	CBP V2.2.0	-	-	-	-	-	AB 1.1.2 A6	AB 1.1.2 A7	-	-	-	-		AB 2.1.1 C0
PM573-ETH-XC	1SAP330300R0271	CBP V2.0.0 A1	-	CBP V2.0.1 A2	CBP V2.1.0 A3	CBP V2.2.0 B0	-	AB 1.0.0 / CBP V2.3.0 B1	AB 1.0.1 B2	-	AB 1.1.1 B4	AB 1.1.2 B5	-	-	AB 1.2.2 B6	AB 1.2.3 B7 / B8	AB 2.0.1 B9	-	AB 2.1.1 C0
PM582-XC	1SAP340200R0201	CBP V2.0.0 A1	-	CBP V2.0.1 A2	CBP V2.1.0 A3	CBP V2.2.0 B0	-	AB 1.0.0 / CBP V2.3.0 B1	AB 1.0.1 B2	-	AB 1.1.1 B4	AB 1.1.2 B5	-	-	AB 1.2.2 B6	AB 1.2.3 B7	AB 2.0.1 B8	-	AB 2.1.1 C0
PM583-ETH-XC	1SAP340300R0271	CBP V2.0.0 A1	-	CBP V2.0.1 A2	CBP V2.1.0 A3	CBP V2.2.0 B0	-	AB 1.0.0 / CBP V2.3.0 B1	AB 1.0.1 B2	-	AB 1.1.1 B4	AB 1.1.2 B5	-	-	AB 1.2.2 B6	AB 1.2.3 B7	AB 2.0.1 B8	-	AB 2.1.1 C0
PM591-ETH-XC	1SAP350100R0271			CBP V2.0.1 A3	CBP V2.1.0 A4-A5	CBP V2.2.0 B0	-	AB 1.0.0 / CBP V2.3.0 B1	AB 1.0.1 B2	-	AB 1.1.1 B4	AB 1.1.2 B5	-	AB 1.2.1 B6	AB 1.2.2 B7	AB 1.2.3 B8	AB 2.0.1 B9	-	AB 2.1.1 C0
PM592-ETH-XC	1SAP350200R0271				CBP V2.1.0 A4-A5	CBP V2.2.0 B0	-	AB 1.0.0 / CBP V2.3.0 B1	AB 1.0.1 B2	-	AB 1.1.1 B4	AB 1.1.2 B5	-	AB 1.2.1 B6	AB 1.2.2 B7	AB 1.2.3 B8	AB 2.0.1 B9	-	AB 2.1.1 C0
PM595-4ETH-M-XC	1SAP351500R0279										AB 1.1.1 A6	AB 1.1.2 A7	-	AB 1.2.1 A8	AB 1.2.2 A9	AB 1.2.3 B0	AB 2.0.1 B1	AB 2.1.1 B2	

Product launch
No new FW version available, previous still active   -
From that Index, the CPU couldn't be downgraded anymore

Active AC500 V3 Process Modules

Type	Part Number Production Index	CPU FW V3.0.1	CPU FW V3.0.2	CPU FW V3.1.0	CPU FW V3.1.1
	Launch date	Dez. 16	Jun. 17		
PM5630-2ETH	1SAP131000R0278				AB V2.1.1 A2
PM5650-2ETH	1SAP141000R0278	AB V2.0.1 A3	AB 2.0.2 A4	-	AB 2.1.1
PM5670-2ETH	1SAP151000R0278				AB V2.1.1 A3
PM5675-2ETH	1SAP151500R0278				AB V2.1.1 A2

Product launch
No new FW version available, previous still active
From that Index, the CPU couldn't be downgraded anymore

Active AC500-eCo V2 CPUs

Type	Part Number / Production Index / Launch date	CPU FW V2.0.2	CPU FW V2.0.4	CPU FW V2.0.6	CPU FW V2.1.3	CPU FW V2.2.0 Mai. 12	CPU FW V2.2.1	CPU FW V2.3.0 Mrz. 13	CPU FW V2.3.1 Jun. 13	CPU FW V2.3.3 Jan. 14	CPU FW V2.4.2 Mrz. 15	CPU FW V2.4.4 Sep. 15	CPU FW V2.4.6 Nov. 15	CPU FW V2.5.1 Mrz. 16	CPU FW V2.5.2 Apr. 16	CPU FW V2.5.3 Aug. 16	CPU FW V2.6.0 Mai. 17	CPU FW V2.7.0 Apr. 18	CPU FW V2.7.2 Apr. 18
PM554-TP	1SAP120600R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7 -> A9	-	-	AB1.0.0/ AB1.2.1 A10,B1->B3	-	-	-	-	AB2.1.1 C0
PM554-RP	1SAP120700R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7, A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM554-RP-AC	1SAP120800R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7, A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM554-TP-ETH	1SAP120600R0071					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5	AB1.0.0/ AB1.1.0 A6 -> A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM556-TP-ETH	1SAP121200R0071								CBP V2.2.0 A0	CBP V2.3.0 A1	AB1.0.0/ AB1.1.0 A2 -> A4	-	-	AB1.0.0/ AB1.2.1 A5 -> A7	-	-	-	-	AB2.1.1 C0
PM564-TP	1SAP120900R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7 -> A9	-	-	AB1.0.0/ AB1.2.1 A10,B1->B3	-	-	-	-	AB2.1.1 C0
PM564-RP	1SAP121000R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7,A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM564-RP-AC	1SAP121100R0001					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5,A6	AB1.0.0/ AB1.1.0 A7,A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM564-TP-ETH	1SAP120900R0071					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5	AB1.0.0/ AB1.1.0 A6 -> A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0
PM564-RP-ETH	1SAP121000R0071					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5	AB1.0.0/ AB1.1.0 A6,A7	-	-	AB1.0.0/ AB1.2.1 A8,A9,B1	-	-	-	-	AB2.1.1 C0
PM564-RP-ETH-AC	1SAP121100R0071					CBP V2.2.0 A2	-	CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5	AB1.0.0/ AB1.1.0 A6,A7	-	-	AB1.0.0/ AB1.2.1 A8,A9,B1	-	-	-	-	AB2.1.1 C0
PM566-TP-ETH	1SAP121500R0071										AB1.0.0/ AB1.1.0 A1,A2	-	-	AB1.0.0/ AB1.2.1 A3 -> A5	-	-	-	-	AB2.1.1 C0
PM556-TP-ETH(Emerson)	1SAP121200R1371					CBP V2.2.0 A1,A2		CBP V2.2.0 A3	CBP V2.2.0 A4	-	-	-	-	-	-	-	-	-	-
PM556-TP-ETH(Emerson)	1SAP121200R2371					CBP V2.2.0 A1,A2		CBP V2.2.0 A3	CBP V2.2.0 A4	CBP V2.3.0 A5	AB1.0.0/ AB1.1.0 A6 -> A8	-	-	AB1.0.0/ AB1.2.1 A9,B1,B2	-	-	-	-	AB2.1.1 C0

Product launch

No new FW version available, previous still active   -

Legacy AC500 V2 Process Modules

Type	Part Number Production Index	Lifecycle status	Released Firmware version / Programming Software version											
			CPU FW V1.4.2	CPU FW V1.4.4	CPU FW V1.4.5	CPU FW V2.0.2	CPU FW V2.0.4	CPU FW V2.0.6	CPU FW V2.1.3	CPU FW V2.2.0	CPU FW V2.2.1	CPU FW V2.3.0	CPU FW V2.3.3	CPU FW V2.4.2
PM571	1SAP130100R0200	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM571-ARCNET	1SAP130100R0260	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM571-ETH	1SAP130100R0270	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM581	1SAP140100R0200	Limited	CBP V1.3.0 A1		-	-	-	-	-	-	-	-	-	-
PM581-ARCNET	1SAP140100R0260	Limited	CBP V1.3.0 A1		-	-	-	-	-	-	-	-	-	-
PM581-ETH	1SAP140100R0270	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM582	1SAP140200R0200	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM582-ARCNET	1SAP140200R0260	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM582-ETH	1SAP140200R0270	Limited	CBP V1.3.0 A1	-	-	-	-	-	-	-	-	-	-	-
PM590	1SAP150000R0200	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
PM590-ARCNET	1SAP150000R0260	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
PM590-ETH	1SAP150000R0270	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
PM591	1SAP150100R0200	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
PM591-ARCNET	1SAP150100R0260	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
PM591-ETH	1SAP150100R0270	Limited			CBP V1.3.2 D3	-	-	-	-	-	-	-	-	-
CM574-RS	1SAP170400R0101	Limited		CBP V1.3.1 A3	-	-	-	-	-	-	-	-	-	-
CM574-RCOM	1SAP170401R0101	Limited		CBP V1.3.1 A3	-	-	-	-	-	-	-	-	-	-

Product launch

No new FW version available, previous still active   -

Legacy AC500-eCo V1 CPUs

Type	Part Number Production Index	Lifecycle Status	CPU FW V1.3.4	CPU FW V1.4.4	CPU FW V1.4.5	CPU FW V2.0.2	CPU FW V2.0.4	CPU FW V2.0.6	CPU FW V2.1.3	CPU FW V2.2.0	CPU FW V2.2.1	CPU FW V2.3.0	CPU FW V2.3.3	CPU FW V2.4.2	CPU FW V2.4.4	CPU FW V2.4.6	CPU FW V2.5.1	CPU FW V2.5.2	CPU FW V2.5.3	CPU FW V2.6.0	CPU FW V2.7.0	CPU FW V2.7.2
		Launch date				Sep. 10		Jun. 11	Sep. 11			Mrz. 13	Jan. 14	Mrz. 15	Sep. 15	Nov. 15	Mrz. 16	Apr. 16	Aug. 16	Mai. 17	Apr. 18	Apr. 18
PM554-T	1TNE968900R0100	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM554-R	1TNE968900R0200	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM554-R-AC	1TNE968900R0220	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM554-T-ETH	1TNE968900R0110	Limited				CBP V2.0.0 A0 -> A2	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-T	1TNE968900R1100	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-R	1TNE968900R1200	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-R-AC	1TNE968900R1220	Limited	CBP V1.3.0 A1,A2	-	-	-	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-T-ETH	1TNE968900R1110	Limited				CBP V2.0.0 A0 -> A2	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-R-ETH	1TNE968900R1210	Limited				CBP V2.0.0 A0 -> A2	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-
PM564-R-ETH-AC	1TNE968900R1211	Limited				CBP V2.0.0 A0 -> A2	-	CBP V2.0.2 A2,A3	CBP V2.1.0 A4,A5	-	-	CBP V2.2.0 A6	-	-	-	-	-	-	-	-	-	-

Product launch

No new FW version available, previous still active   -

AC500 V2 CPUs
HW/FW Compatibility - Downgradability

Category	Type	P/N	HW Production Index	Old Flash	New Flash	FW 2.0.2	FW 2.0.4	FW 2.0.6	FW 2.1.3	FW 2.2.x	FW 2.3.x	FW 2.3.6	FW2.4.x	FW 2.5.1	FW 2.5.2	FW 2.5.3	FW2.6.x	FW 2.7.0	FW 2.7.2	... > FW 2.7.2 (e.g. FW 2.8.x)
Micro PLC	PM572	1SAP130200R0200	Index -> B4	X		Downgrade possible, e.g. FW 2.7.x delivered downgraded up to FW 2.0.2														
	PM572	**1SAP130200R0200**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM573-ETH	1SAP130300R0271	Index -> B2	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM573-ETH-XC	1SAP330300R0271	Index -> B7	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM573-ETH	1SAP130300R0271	Index B3->	X		Downgrade not possible to FW smaller than V2.5.3										Downgrade possible only to smallest FW V2.5.3 e.g. delivered FW 2.7.x downgraded to FW 2.5.3				
	PM573-ETH-XC	1SAP330300R0271	Index B8->	X		Downgrade not possible to FW smaller than V2.5.3										Downgrade possible only to smallest FW V2.5.3 e.g. delivered FW 2.7.x downgraded to FW 2.5.3				
	PM573-ETH	**1SAP130300R0271**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM573-ETH-XC	**1SAP330300R0271**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
CM	CM574-RS	1SAP170400R0201	Index -> B0	X		Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	CM574-RS	1SAP170400R0201	e.g. Index B1 ->		X	Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	CM574-RCOM	1SAP170401R0201	Index -> B0	X		Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	CM574-RCOM	1SAP170401R0201	e.g. Index B1 ->		X	Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
Mini PLC	PM582	1SAP140200R0201	Index -> B4	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM582-XC	1SAP340200R0201	Index -> B8	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM582	**1SAP140200R0201**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM582-XC	**1SAP340200R0201**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM583-ETH	1SAP140300R0271	Index -> B4	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM583-ETH-XC	1SAP340300R0271	Index -> B8	X		Downgrade possible e.g. delivered FW 2.5.x downgraded up to FW 2.0.2														
	PM583-ETH	**1SAP140300R0271**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM583-ETH-XC	**1SAP340300R0271**	**e.g. Index C0 ->**		**X**	Downgrade not possible						Possible	Downgrade not possible to FW smaller than V2.7.2, only to V2.3.6							downgrade only to smallest FW V2.7.2 or only to the V2.3.6
	PM585-ETH	1SAP140500R0271	Index -> A7	X		Not existing								Downgrade possible e.g. delivered FW 2.7.x downgraded to FW 2.5.1						
	PM585-ETH	1SAP140500R0271	Index A8 ->		X	Not existing								Downgrade possible e.g. delivered FW 2.7.x downgraded to FW 2.5.1						
Midi PLC	PM590-ARC	1SAP150000R0261	Index ->A7	X		Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							
	PM590-ARC	1SAP150000R0261	Index A8 ->		X	Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							
	PM590-ETH	1SAP150000R0271	Index -> E6	X		Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM590-ETH	1SAP150000R0271	Index E7 ->		X	Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM591-ETH	1SAP150100R0271	Index -> E6	X		Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM591-ETH	1SAP150100R0271	Index E7 ->		X	Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM591-ETH-XC	1SAP350100R0271	Index -> B9	X		Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM591-ETH-XC	1SAP350100R0271	Index C0 ->		X	Not existing		Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.0.6												
	PM591-2ETH	1SAP150100R0277	Index -> A9	X		Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded to FW 2.4.2							
	PM591-2ETH	1SAP150100R0277	Index B0 ->		X	Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded to FW 2.4.2							
	PM592-ETH	1SAP150200R0271	Index -> B6	X		Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	PM592-ETH	1SAP150200R0271	Index B7 ->		X	Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	PM592-ETH-XC	1SAP350200R0271	Index -> B9	X		Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
	PM592-ETH-XC	1SAP350200R0271	Index C0 ->		X	Not existing			Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.1.3											
Large PLC	PM595-4ETH-F	1SAP155500R0279	Index -> B2	X		Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							
	PM595-4ETH-F	1SAP155500R0279	Index B3 ->		X	Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							
	PM595-4ETH-M-XC	1SAP351500R0279	Index -> B1	X		Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							
	PM595-4ETH-M-XC	1SAP351500R0279	Index B2 ->		X	Not existing							Downgrade possible e.g. delivered FW 2.7.x downgraded up to FW 2.4.2							

New FW created for the CPU with new Flash

AC500-eCo CPUs
HW/FW Compatibility - Downgradability

	Type	P/N	Index	Old flash	New flash	FW V1.3.4	Downgradability (FW V2.0.2 — FW V2.5.1)	FW V2.7.2	... > FW 2.7.2 / e.g. FW 2.8.x
eCo - Non ETH	PM554-TP	1SAP120600R0001	A2 -> A4; A6 -> A9; B0 -> B3	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
	PM564-TP	1SAP120900R0001	A2 -> A4; A6 -> A9; B0 -> B3	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
	PM554-RP	1SAP120700R0001	A2 -> A4; A6 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
	PM564-RP	1SAP121000R0001	A2 -> A4; A6 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
	PM554-RP-AC	1SAP120800R0001	A2 -> A4; A6 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
	PM564-RP-AC	1SAP121100R0001	A2 -> A4; A6 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√		Downgrade impossible		downgrade only to smallest FW V2.7.2
eCo - ETH	PM554-TP-ETH	1SAP120600R0071	A2 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				
	PM564-TP-ETH	1SAP120900R0071	A2 -> A9; B0 -> B2	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				
	PM564-RP-ETH	1SAP121000R0071	A2 -> A9; B0 -> B1	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				
	PM564-RP-ETH-AC	1SAP121100R0071	A2 -> A9; B0 -> B1	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				
	PM556-TP-ETH	1SAP121200R0071	A1 -> A7	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				
	PM566-TP-ETH	1SAP121500R0071	A1 -> A5	√		Not existing	Downgrade is possible; down to V2.0.2		
			C0 -> ...		√				

Downgradability FW columns: FW V1.3.4 | FW V2.0.2 | FW V2.0.6 | FW V2.1.3 | FW V2.2.0 | FW V2.2.1 | FW V2.3.0 | FW V2.3.1 | FW V2.3.3 | FW V2.4.2 | FW V2.5.1 | FW V2.7.2 | ... > FW 2.7.2 | e.g. FW 2.8.x

New FW created for the CPU with new Flash

Rev. D