

CPU 312	Order no.	Type of memory card
CPU 312	6ES7312-1AD10-0AB0	MMC max. 4MB
	6ES 7312-1AE13-0AB0	MMC max. 4MB
	6ES7312-1AE14-0AB0	MMC max. 8MB
CPU 312C	6ES7312-5BD00-0AB0	MMC max. 4MB
	6ES7312-5BD01-0AB0	MMC max. 4MB
	6ES7312-5BE03-0AB0	MMC max. 4MB
	6ES7312-5BF04-0AB0	MMC max. 8MB
CPU 312 IFM	6ES7312-5AC02-0AB0	No Memory Card
	6ES7312-5AC82-0AB0	no Memory Card

CPU 313	Order no.	Type of memory card
CPU 313	6ES7313-1AD02-0AB0	MC max. 512KB
	6ES7313-1AD03-0AB0	MC max. 4MB
CPU 313C	6ES7313-5BE00-0AB0	MMC max. 4MB
	6ES7313-5BE01-0AB0	MMC max. 8MB
	6ES7313-5BF03-0AB0	MMC max. 8MB
	6ES7313-5BG04-0AB0	MMC max. 8MB
CPU 313C-2 DP	6ES7313-6CE00-0AB0	MMC max. 4MB
	6ES7313-6CE01-0AB0	MMC max. 8MB
	6ES7313-6CF03-0AB0	MMC max. 8MB
	6ES7313-6CG04-0AB0	MMC max. 8MB
CPU 313C-2 PtP	6ES7313-6BE00-0AB0	MMC max. 4MB
	6ES7313-6BE01-0AB0	MMC max. 8MB
	6ES7313-6BF03-0AB0	MMC max. 8MB
	6ES7313-6BG04-0AB0	MMC max. 8MB

CPU 314	Order no.	Type of memory card
CPU 314	6ES7314-1AE03-0AB0	MC max. 512KB
	6ES7314-1AE04-0AB0	MC max. 4MB
	6ES7314-1AE83-0AB0	MC max. 512KB
	6ES7314-1AE84-0AB0	MC max. 4MB
	6ES7314-1AF10-0AB0	MMC max. 8MB
	6ES7314-1AF11-0AB0	MMC max. 8MB
	6ES7314-1AG13-0AB0	MMC max. 8MB
	6ES7314-1AG14-0AB0	MMC max. 8MB
	6ES7314-5AE03-0AB0	no Memory Card
	6ES7314-5AE10-0AB0	MC max. 4MB
	6ES7314-5AE83-0AB0	no Memory Card
CPU 314C-2 DP	6ES7314-6CF00-0AB0	MMC max. 4MB
	6ES7314-6CF01-0AB0	MMC max. 8MB
	6ES7314-6CF02-0AB0	MMC max. 8MB
	6ES7314-6CG03-0AB0	MMC max. 8MB
	6ES7314-6CH04-0AB0	MMC max. 8MB

CPU 314	Order no.	Type of memory card
CPU 314C-2 PtP	6ES7314-6BF00-0AB0	MMC max. 4MB
	6ES7314-6BF01-0AB0	MMC max. 8MB
	6ES7314-6BF02-0AB0	MMC max. 8MB
	6ES7314-6BG03-0AB0	MMC max. 8MB
	6ES7314-6BH04-0AB0	MMC max. 8MB
CPU 314C-2 PN/DP	6ES7314-6EH04-0AB0	MMC max. 8MB

CPU 315	Order no.	Type of memory card
CPU 315	6ES7315-1AF02-0AB0	MC max. 512KB
	6ES7315-1AF03-0AB0	MC max. 4MB
CPU 315-2 DP	6ES7315-2AF02-0AB0	MC max. 512KB
	6ES7315-2AF03-0AB0	MC max. 4MB
	6ES7315-2AF82-0AB0	MC max. 512KB
	6ES7315-2AF83-0AB0	MC max. 4MB
	6ES7315-2AG10-0AB0	MMC max. 8MB
	6ES7315-2AH14-0AB0	MMC max. 8MB
CPU 315-2 PN/DP	6ES7315-2EG10-0AB0	MMC max. 8MB
	6ES7315-2EH13-0AB0	MMC max. 8MB
	6ES7315-2EH14-0AB0	MMC max. 8MB
CPU 315F-2 DP	6ES7315-6FF01-0AB0	MMC max. 8MB
	6ES7315-6FF04-0AB0	MMC max. 8MB
CPU 315F-2 PN/DP	6ES7315-2FH10-0AB0	MMC max. 8MB
	6ES7315-2FH13-0AB0	MMC max. 8MB
	6ES7315-2FJ14-0AB0	MMC max. 8MB
CPU 315T-2 DP <sup>1)</sup>	6ES7315-6TG10-0AB0	MMC with 8MB
	6ES7315-6TH13-0AB0	MMC with 8MB
CPU 315T-3 PN/DP <sup>1)</sup>	6ES7315-7TJ10-0AB0	MMC with 8MB

<sup>1)</sup> The size of the MMC used depends on the firmware version of the Integrated Technology (see Entry ID: [57204635](#)).

CPU 316	Order no.	Type of memory card
CPU 316	6ES7316-1AG00-0AB0	MC max. 512KB
CPU 316-2DP	6ES7316-2AG00-0AB0	MC max. 4MB

CPU 317	Order no.	Type of memory card
CPU 317-2 DP	6ES7317-2AJ10-0AB0	MMC max. 8MB
	6ES7317-2AK14-0AB0	MMC max. 8MB
CPU 317-2 PN/DP	6ES7317-2EJ10-0AB0	MMC max. 8MB
	6ES7317-2EK13-0AB0	MMC max. 8MB
	6ES7317-2EK14-0AB0	MMC max. 8MB
CPU 317F-2 DP	6ES7317-6FF00-0AB0	MMC max. 8MB
	6ES7317-6FF03-0AB0	MMC max. 8MB

CPU 317	Order no.	Type of memory card
	6ES7314-6FF04-0AB0	MMC max. 8MB
CPU 317F-2 PN/DP	6ES7317-2FJ10-0AB0	MMC max. 8MB
	6ES7317-2FK13-0AB0	MMC max. 8MB
	6ES7317-2FK14-0AB0	MMC max. 8MB
CPU 317T-2 DP <sup>1)</sup>	6ES7317-6TJ10-0AB0	MMC with 8MB
	6ES7317-6TK13-0AB0	MMC with 8MB
CPU 317T-3 PN/DP <sup>1)</sup>	6ES7317-7TK10-0AB0	MMC with 8MB
CPU 317TF-2 DP <sup>1)</sup>	6ES7317-6TF14-0AB0	MMC with 8MB
CPU 317TF-3 PN/DP <sup>1)</sup>	6ES7317-7UL10-0AB0	MMC with 8MB

<sup>1)</sup> The size of the MMC used depends on the firmware version of the Integrated Technology (see Entry ID: [57204635](#)).

CPU 318	Order no.	Type of memory card
CPU 318-2	6ES7318-2AJ00-0AB0	MC max. 4MB

CPU 319	Order no.	Type of memory card
CPU 319-3 PN/DP	6ES7318-3EL00-0AB0	MMC max. 8MB
	6ES7318-3EL01-0AB0	MMC max. 8MB
CPU 319F-3 PN/DP	6ES7318-3FL00-0AB0	MMC max. 8MB
	6ES7318-3FL01-0AB0	MMC max. 8MB

**List of the memory cards (MC)**

In normal mode, only the "short" memory cards (MC) can be used with S7-300 CPUs (with MC slot). Follow Table lists the order numbers of these memory cards.

Bezeichnung	Order no.
Memory Card FEPROM 16 KB	6ES7951-0KD00-0AA0
Memory Card FEPROM 32 KB	6ES7951-0KE00-0AA0
Memory Card FEPROM 64 KB	6ES7951-0KF00-0AA0
Memory Card FEPROM 128 KB	6ES7951-0KG00-0AA0
Memory Card FEPROM 256 KB	6ES7951-1KH00-0AA0
Memory Card FEPROM 512 KB	6ES7951-0KJ00-0AA0
Memory Card FEPROM 1 MB	6ES7951-1KK00-0AA0
Memory Card FEPROM 2 MB	6ES7951-1KL00-0AA0
Memory Card FEPROM 4 MB	6ES7951-1KM00-0AA0
Memory Card FEPROM 16 KB <sup>1)</sup>	6ES7951-0KD80-0AA0
Memory Card FEPROM 32 KB <sup>1)</sup>	6ES7951-0KE80-0AA0
Memory Card FEPROM 64 KB <sup>1)</sup>	6ES7951-0KF80-0AA0
Memory Card RAM 128 KB <sup>2)</sup>	6ES7951-0AG00-0AA0
Memory Card RAM 256 KB <sup>2)</sup>	6ES7951-1AH00-0AA0
Memory Card RAM 512 KB <sup>2)</sup>	6ES7951-1AJ00-0AA0
Memory Card RAM 1 MB <sup>2)</sup>	6ES7951-1AK00-0AA0
Memory Card RAM 2 MB <sup>2)</sup>	6ES7951-1AL00-0AA0

<sup>1)</sup> These memory cards are designed for use in the extended temperature range.

<sup>2)</sup> These memory cards can only be used in CPU 318-2DP.

**List of SIMATIC Micro Memory Cards (MMC)**

Follow Table lists the order numbers of the SIMATIC Micro Memory Cards (MMC).

Bezeichnung	Order no.
SIMATIC Micro Memory Card 64 KB	6ES7953-8LF20-0AA0
SIMATIC Micro Memory Card 128 KB	6ES7953-8LG20-0AA0
SIMATIC Micro Memory Card 512 KB	6ES7953-8LJ30-0AA0
SIMATIC Micro Memory Card 2 MB	6ES7953-8LL31-0AA0
SIMATIC Micro Memory Card 4 MB	6ES7953-8LM20-0AA0
SIMATIC Micro Memory Card 8 MB	6ES7953-8LP20-0AA0

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