

**SIEMENS**



Product overview for SIMATIC S7-1200



## Basic Controller SIMATIC S7-1200

### Flexibly adaptable to your requirements

SIMATIC S7-1200 Controller sind die intelligente Wahl für kompakte Automatisierungslösungen mit integrierten IOs, Kommunikations- und Technologiefunktionen für Automatisierungsaufgaben im unteren bis mittleren Leistungsbereich. Sie sind in Standard- und fehlersicherer Ausführung verfügbar.

<https://www.siemens.com/s7-1200>

### System overview

The scalable SIMATIC S7-1200 controllers have integrated inputs and outputs as well as communication options and are modularly expandable. Digital and analog input and output modules as well as a wide variety of communication modules enable flexible adaptation to the respective automation task. With integrated technologies such as high-speed counters, pulse width modulation, pulse sequence outputs, speed control and positioning, SIMATIC S7-1200 controllers are suitable for temperature control, pump and fan control, conveyor technology and even packaging machines.

#### Efficient engineering

- The seamless integration of the SIMATIC controllers into the common engineering framework TIA Portal provides consistent data management, the smart library concept and a uniform operating philosophy. This makes it especially easy to use system-spanning functions.

#### Manifold diagnostics

- Efficient error analysis and fast error localization with the new uniform display concept – plain text information of the error message in TIA Portal, on the HMI and in the Web server – shortens commissioning times and minimizes production downtimes. SIMATIC S7-1200 offers you diagnostic functionality already integrated in the system without additional programming work.

#### Innovative Design

- Der Basic Controller SIMATIC S7-1200 lässt sich durch umfangreiche Erweiterungsmöglichkeiten perfekt an die jeweilige Automatisierungsaufgabe anpassen. Das modulare Board Konzept ermöglicht eine problemlose Erweiterung des Controllers, ohne dass sich die physikalische Größe ändert. Der Gerätetausch erfolgt einfach, ohne Neuverdrahtung durch Klemmleisten.

#### Safety Integrated

- Die fehlersichere Automatisierung ist so einfach wie der Standard programmierbar und die Anbindung von PROFIsafe-Geräten erfolgt über PROFINET.

#### Technology Integrated

- Einfache Motion Control Anwendungen, schnelle Zähl- und Messaufgaben, sowie Regelungen (PID) sind ohne spezielle Erweiterungsbaugruppen möglich.

#### Security Integrated

- Abgesicherte Kommunikation, Knowhow Schutz, Kopierschutz und Zugriffsschutz verhindern Manipulationen, das Öffnen und Duplizieren von Bausteinen durch Unbefugte und schützen damit Ihren Algorithmus bzw. Prozess.

#### In fünf Schritten zum passenden Controller:

Type of structure, system performance, programming, Motion Control, system architecture: Do you already know which functions and performance features your controller should have? Then our function check will take you directly to the right SIMATIC controller in five steps.

<https://www.siemens.com/controller>

Central processing units

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	Article number
<b>CPU 1211C</b> <a href="#">Compare technical specifications online</a>	
CPU 1211C, DC/DC/DC, 6DI/4DO/2AI	6ES7211-1AE40-0XB0
CPU 1211C, AC/DC/Relay, 6DI/4DO/2AI	6ES7211-1BE40-0XB0
CPU 1211C, DC/DC/Relay, 6DI/4DO/2AI	6ES7211-1HE40-0XB0
<b>CPU 1212C</b> <a href="#">Compare technical specifications online</a>	
CPU 1212C ,DC/DC/DC, 8DI/6DO/2AI	6ES7212-1AE40-0XB0
CPU 1212C, AC/DC/Relay, 8DI/6DO/2AI	6ES7212-1BE40-0XB0
CPU 1212C, DC/DC/Relay, 8DI/6DO/2AI	6ES7212-1HE40-0XB0
<b>CPU 1212FC ,DC/DC/DC, 8DI/6DO/2AI</b>	6ES7212-1AF40-0XB0
<b>CPU 1212FC, DC/DC/Relay, 8DI/6DO/2AI</b>	6ES7212-1HF40-0XB0
SIPLUS S7-1200 CPU 1212C DC/DC/DC	6AG1212-1AE40-4XB0
SIPLUS S7-1200 CPU 1212C AC/DC/RLY	6AG1212-1BE40-4XB0
SIPLUS S7-1200 CPU 1212C DC/DC/RLY	6AG1212-1HE40-4XB0
SIPLUS S7-1200 CPU 1212C DC/DC/DC RAIL	6AG2212-1AE40-1XB0
SIPLUS S7-1200 CPU 1212C DC/DC/DC	6AG1212-1AE40-2XB0
SIPLUS S7-1200 CPU 1212C AC/DC/RLY	6AG1212-1BE40-2XB0
SIPLUS S7-1200 CPU 1212C DC/DC/RLY	6AG1212-1HE40-2XB0
<b>CPU 1214C</b> <a href="#">Compare technical specifications online</a>	
CPU 1214C, DC/DC/DC, 14DI/10DO/2AI	6ES7214-1AG40-0XB0
CPU 1214C, AC/DC/Relay, 14DI/10DO/2AI	6ES7214-1BG40-0XB0
CPU 1214C, DC/DC/Relay, 14DI/10DO/2AI	6ES7214-1HG40-0XB0
<b>CPU 1214 FC, DC/DC/DC, 14DI/10DO/2AI</b>	6ES7214-1AF40-0XB0
<b>CPU 1214 FC, DC/DC/Relay, 14DI/10DO/2AI</b>	6ES7214-1HF40-0XB0
SIPLUS S7-1200 CPU 1214FC DC/DC/DC	6AG1214-1AF40-5XB0
<b>SIPLUS S7-1200 CPU 1214FC DC/DC/RLY</b>	6AG1214-1HF40-5XB0
SIPLUS S7-1200 CPU 1214C DC/DC/DC	6AG1214-1AG40-4XB0
SIPLUS S7-1200 CPU 1214C DC/DC/DC	6AG1214-1AG40-5XB0
SIPLUS S7-1200 CPU 1214C AC/DC/RLY	6AG1214-1BG40-4XB0
SIPLUS S7-1200 CPU 1214C AC/DC/RLY	6AG1214-1BG40-5XB0
SIPLUS S7-1200 CPU 1214C DC/DC/RLY	6AG1214-1HG40-4XB0
SIPLUS S7-1200 CPU 1214C DC/DC/RLY	6AG1214-1HG40-5XB0
SIPLUS S7-1200 CPU 1214C DC/DC/DC RAIL	6AG2214-1AG40-1XB0
SIPLUS S7-1200 CPU 1214C DC/DC/DC	6AG1214-1AG40-2XB0
SIPLUS S7-1200 CPU 1214C AC/DC/RLY	6AG1214-1BG40-2XB0
SIPLUS S7-1200 CPU 1214C DC/DC/RLY	6AG1214-1HG40-2XB0
<b>CPU 1215C</b> <a href="#">Compare technical specifications online</a>	
CPU 1215C, DC/DC/DC, 14DI/10DO/2AI/2AO	6ES7215-1AG40-0XB0
CPU 1215C, AC/DC/RLY, 14DI/10DO/2AI/2AO	6ES7215-1BG40-0XB0
CPU 1215C, DC/DC/RLY, 14DI/10DO/2AI/2AO	6ES7215-1HG40-0XB0
<b>CPU 1215 FC, DC/DC/DC, 14DI/10DO/2AI/2AO</b>	6ES7215-1AF40-0XB0
<b>CPU 1215 FC, DC/DC/RLY, 14DI/10DO/2AI/2AO</b>	6ES7215-1HF40-0XB0
<b>SIPLUS S7-1200 CPU 1215FC DC/DC/DC</b>	6AG1215-1AF40-5XB0
SIPLUS S7-1200 CPU 1215C DC/DC/DC	6AG1215-1AG40-4XB0
SIPLUS S7-1200 CPU 1215C DC/DC/DC	6AG1215-1AG40-5XB0
SIPLUS S7-1200 CPU 1215C AC/DC/RLY	6AG1215-1BG40-4XB0
SIPLUS S7-1200 CPU 1215C AC/DC/RLY	6AG1215-1BG40-5XB0
SIPLUS S7-1200 CPU 1215C DC/DC/RLY	6AG1215-1HG40-4XB0
SIPLUS S7-1200 CPU 1215C DC/DC/RLY	6AG1215-1HG40-5XB0
SIPLUS S7-1200 CPU 1215C DC/DC/DC	6AG1215-1AG40-2XB0
SIPLUS S7-1200 CPU 1215C AC/DC/RLY	6AG1215-1BG40-2XB0
SIPLUS S7-1200 CPU 1215C DC/DC/RLY	6AG1215-1HG40-2XB0
<b>CPU 1217C</b> <a href="#">Compare technical specifications online</a>	
CPU 1217C, DC/DC/DC, 14DI/10DQ/2AI/2AQ	6ES7217-1AG40-0XB0
SIPLUS S7-1200 CPU 1217C DC/DC/DC	6AG1217-1AG40-5XB0

: Safety-related component

\* By clicking on the article number, you will be taken to the product in the TIA Selection Tool cloud.

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	Article number
SIPLUS S7-1200 CPU 1217C DC/DC/DC	6AG1217-1AG40-2XB0

**Signal boards** [Compare technical specifications online](#)



	Article number	<a href="#">Compare technical specifications online</a>
<b>Digital inputs</b>		
Signal Board SB 1221, 4 DI 24VDC 200KHz	6ES7221-3BD30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB 1221, 4 DI 5VDC 200KHz	6ES7221-3AD30-0XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1221 4DI 5VDC	6AG1221-3AD30-5XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1221 4DI 24VDC	6AG1221-3BD30-5XB0	<a href="#">Compare technical specifications online</a>
<b>Digital outputs</b>		
Signal Board SB1222, 4 DQ 24VDC 200KHz	6ES7222-1BD30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB1222, 4 DQ 5VDC 200KHz	6ES7222-1AD30-0XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1222 4DQ 5VDC	6AG1222-1AD30-5XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1222 4DQ 24VDC	6AG1222-1BD30-5XB0	<a href="#">Compare technical specifications online</a>
<b>Digital inputs/outputs</b>		
Signal Board SB1223, 2 DI/2 DO	6ES7223-0BD30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB 1223, 2DI/2DQ 24V 200KHz	6ES7223-3BD30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB 1223, 2DI/2DQ 5V 200KHz	6ES7223-3AD30-0XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1223 2DI/2DQ RAIL	6AG2223-0BD30-1XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1223 2DI/2DQ 24VDC	6AG1223-0BD30-4XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1223 2DI/2DQ 24VDC	6AG1223-0BD30-5XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1223 2DI/2DQ 5VDC	6AG1223-3AD30-5XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1223 2DI/2DQ, 24VDC	6AG1223-3BD30-5XB0	<a href="#">Compare technical specifications online</a>
<b>Analog inputs</b>		
Signal Board SB 1231, 1 AI	6ES7231-4HA30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB 1231 RTD	6ES7231-5PA30-0XB0	<a href="#">Compare technical specifications online</a>
Signal Board SB 1231 TC, 1 AI	6ES7231-5QA30-0XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1231 1AI RTD	6AG1231-5PA30-5XB0	<a href="#">Compare technical specifications online</a>
<b>Analog outputs</b>		
Signal Board SB 1232, 1 AO	6ES7232-4HA30-0XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1232 1AQ	6AG1232-4HA30-4XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 SB 1232 1AQ	6AG1232-4HA30-5XB0	<a href="#">Compare technical specifications online</a>

**Communication boards** [Compare technical specifications online](#)

	Article number	<a href="#">Compare technical specifications online</a>
<b>Point-to-point</b>		
Communication Board CB 1241, RS485	6ES7241-1CH30-1XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 CB 1241 RS485 T1 RAIL	6AG2241-1CH30-1XB0	<a href="#">Compare technical specifications online</a>
SIPLUS S7-1200 CB 1241 RS485	6AG1241-1CH30-5XB1	<a href="#">Compare technical specifications online</a>



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**Battery boards**

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Battery Board BB 1297 f. CPU 12xx

**Article number**

6ES7297-0AX30-0XA0

**Digital modules**



**Digital input SM 1221**

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Digital Input SM 1221, 8DI, 24V DC	6ES7221-1BF32-0XB0
Digital Input SM 1221, 16DI, 24V DC	6ES7221-1BH32-0XB0
SIPLUS S7-1200 SM 1221 8DI	6AG1221-1BF32-4XB0
SIPLUS S7-1200 SM 1221 16DI	6AG1221-1BH32-4XB0
SIPLUS S7-1200 SM 1221 8DI RAIL	6AG2221-1BF32-1XB0
SIPLUS S7-1200 SM 1221 8DI	6AG1221-1BF32-2XB0
SIPLUS S7-1200 SM 1221 16DI	6AG1221-1BH32-2XB0

**Digital output SM 1222**

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Digital Output SM 1222, 8 DO, Relay	6ES7222-1HF32-0XB0
Digital Output SM 1222, 8 DO, Changeover	6ES7222-1XF32-0XB0
Digital Output SM1222, 16 DO, Relay	6ES7222-1HH32-0XB0
Digital Output SM1222, 8 DO, 24V DC	6ES7222-1BF32-0XB0
Digital Output SM1222, 16 DO, 24V DC	6ES7222-1BH32-0XB0
Digital Output SM1222, 16DO, 24V DC sink	6ES7222-1BH32-1XB0
SIPLUS S7-1200 SM 1222 8DQ	6AG1222-1BF32-4XB0
SIPLUS S7-1200 SM 1222 16DQ	6AG1222-1BH32-4XB0
SIPLUS S7-1200 SM 1222 8DQ RLY	6AG1222-1HF32-4XB0
SIPLUS S7-1200 SM 1222 16DQ RLY	6AG1222-1HH32-4XB0
SIPLUS S7-1200 SM 1222 8DQ RLY	6AG1222-1XF32-4XB0
SIPLUS S7-1200 SM 1222 8DQ RLY RAIL	6AG2222-1HF32-1XB0
SIPLUS S7-1200 SM 1222 8DQ	6AG1222-1BF32-2XB0
SIPLUS S7-1200 SM 1222 16DQ	6AG1222-1BH32-2XB0
SIPLUS S7-1200 SM 1222 8DQ RLY	6AG1222-1HF32-2XB0
SIPLUS S7-1200 SM 1222 16DQ RLY	6AG1222-1HH32-2XB0
SIPLUS S7-1200 SM 1222 8DQ RLY	6AG1222-1XF32-2XB0
SIPLUS S7-1200 SM 1222 8DQ RAIL	6AG2222-1BF32-1XB0

**Digital I/O SM 1223**

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Digital I/O SM 1223, 8 DI / 8 DO	6ES7223-1BH32-0XB0
Digital I/O SM 1223, 16DI/16DO	6ES7223-1BL32-0XB0
Digital I/O SM 1223, 8DI/8DO	6ES7223-1PH32-0XB0
Digital I/O SM 1223, 16DI/16DO	6ES7223-1PL32-0XB0
Digital I/O SM 1223, 8DI AC/ 8DO Rly	6ES7223-1QH32-0XB0
Digital I/O SM 1223, 16DI/16DO sink	6ES7223-1BL32-1XB0
SIPLUS S7-1200 SM 1223 8DI/8DQ RAIL	6AG2223-1BH32-1XB0
SIPLUS S7-1200 SM 1223 8DI/8DQ	6AG1223-1BH32-4XB0
SIPLUS S7-1200 SM 1223 16DI/16DQ	6AG1223-1BL32-4XB0
SIPLUS S7-1200 SM 1223 8DI/8DQ RLY	6AG1223-1PH32-4XB0
SIPLUS S7-1200 SM 1223 16DI/16DQ RLY	6AG1223-1PL32-4XB0
SIPLUS S7-1200 SM 1223 8DI AC/8DQ RLY	6AG1223-1QH32-4XB0
SIPLUS S7-1200 SM 1223 16DI/16DQ RAIL	6AG2223-1PL32-1XB0

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**Digital modules**

	Article number
SIPLUS S7-1200 SM 1223 8DI/8DQ	6AG1223-1BH32-2XB0
SIPLUS S7-1200 SM 1223 16DI/16DQ	6AG1223-1BL32-2XB0
SIPLUS S7-1200 SM 1223 8DI/8DQ RLY	6AG1223-1PH32-2XB0
SIPLUS S7-1200 SM 1223 16DI/16DQ RLY	6AG1223-1PL32-2XB0
SIPLUS S7-1200 SM 1223 8DI AC/8DQ RLY	6AG1223-1QH32-2XB0
<b>Fail-safe digital modules SM 1226</b>	
Digital Input SM 1226, F-DI 16x 24VDC	6ES7226-6BA32-0XB0
Digital Output SM 1226, F-DQ 4x 24VDC	6ES7226-6DA32-0XB0
Digital Output SM 1226, F-DQ 2x Relay	6ES7226-6RA32-0XB0
SIPLUS S7-1200 SM 1226 F-DQ 4x24VDC	6AG1226-6DA32-5XB0
SIPLUS S7-1200 SM 1226 F-DQ 2xRelay	6AG1226-6RA32-5XB0

**Analog modules**



**SM 1231 analog input module**

	Article number
Analog Input SM 1231, 4AI	6ES7231-4HD32-0XB0
Analog Input SM 1231, 8AI	6ES7231-4HF32-0XB0
Analog Input SM 1231, 4AI 16bit	6ES7231-5ND32-0XB0
S7-1200, analog Input SM 1231 RTD, 4 AI	6ES7231-5PD32-0XB0
S7-1200, analog Input SM 1231 RTD, 8 AI	6ES7231-5PF32-0XB0
S7-1200, analog Input SM 1231 TC, 4 AI	6ES7231-5QD32-0XB0
S7-1200, analog Input SM 1231 TC, 8 AI	6ES7231-5QF32-0XB0
SM 1238 Energy Meter 480V AC	6ES7238-5XA32-0XB0
SIPLUS S7-1200 SM 1231 4AI 13Bit	6AG1231-4HD32-4XB0
SIPLUS S7-1200 SM 1231 8AI 13Bit	6AG1231-4HF32-4XB0
SIPLUS S7-1200 SM 1231 4AI 16Bit	6AG1231-5ND32-4XB0
SIPLUS S7-1200 SM 1231 4AI RTD 16Bit	6AG1231-5PD32-4XB0
SIPLUS S7-1200 SM 1231 8AI RTD 16Bit	6AG1231-5PF32-4XB0
SIPLUS S7-1200 SM 1231 4AI TC 16Bit	6AG1231-5QD32-4XB0
SIPLUS S7-1200 SM 1231 8AI TC 16Bit	6AG1231-5QF32-4XB0
SIPLUS S7-1200 SM 1231 RTD RAIL	6AG2231-5PD32-1XB0
SIPLUS S7-1200 SM 1231 4AI RTD 16Bit	6AG1231-5PD32-2XB0
SIPLUS S7-1200 SM 1231 8AI RTD 16Bit	6AG1231-5PF32-2XB0

**SM 1232 analog output module**

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Analog Output SM 1232, 4AO	6ES7232-4HD32-0XB0
Analog Output SM 1232, 2AO	6ES7232-4HB32-0XB0
SIPLUS S7-1200 SM 1232 2AQ 13Bit	6AG1232-4HB32-4XB0
SIPLUS S7-1200 SM 1232 4AQ 14Bit	6AG1232-4HD32-4XB0
SIPLUS S7-1200 SM 1232 4AQ RAIL	6AG2232-4HD32-1XB0
SIPLUS S7-1200 SM 1232 4AQ 14Bit	6AG1232-4HD32-2XB0

**SM 1234 analog input/output module**

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Analog I/O SM 1234, 4AI/2AO	6ES7234-4HE32-0XB0
SIPLUS S7-1200 SM 1234 4AI/2AQ 13Bit	6AG1234-4HE32-4XB0
SIPLUS S7-1200 SM 1234 4AI/2AQ RAIL	6AG2234-4HE32-1XB1
SIPLUS S7-1200 SM 1234 4AI/2AQ 13Bit	6AG1234-4HE32-2XB0

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**Simulation modules**

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	Article number
S7-1200 Simulator Module SIM1274, 8 Inp	6ES7274-1XF30-0XA0
S7-1200 Simulator Module SIM1274, 14 Inp	6ES7274-1XH30-0XA0
S7-1200 Simulator S7-1217, 14 inputs	6ES7274-1XK30-0XA0
S7-1200 Potentiometer Module, 2 Pot Input	6ES7274-1XA30-0XA0

**Communication modules**



	Article number
S7-1200, SM1278, 4 X IO-Link Master	6ES7278-4BD32-0XB0
Communication Module cm 1241, RS232	6ES7241-1AH32-0XB0
Communication Module cm 1241, RS422/485	6ES7241-1CH32-0XB0
Communication module CM 1242-5	6GK7242-5DX30-0XE0
CM 1243-2 (AS-I V3.0)	3RK7243-2AA30-0XB0
Communication module CM 1243-5	6GK7243-5DX30-0XE0
Communication module RF120C	6GT2002-0LA00
Communication processor CP 1242-7	6GK7242-7KX31-0XE0
Communication processor CP 1243-1	6GK7243-1BX30-0XE0
Communication processor CP 1243-7 LTE EU	6GK7243-7KX30-0XE0
Communication processor CP 1243-7 LTE US	6GK7243-7SX30-0XE0
Communication processor CP 1243-8 IRC	6GK7243-8RX30-0XE0
DCM 1271 (AS-I DATA DECOUPL)	3RK7271-1AA30-0AA0
Compact Switch Module CSM 1277	6GK7277-1AA10-0AA0
<b>SIPLUS</b>	
SIPLUS S7-1200 CM 1242-5	6AG1242-5DX30-2XE0
SIPLUS S7-1200 CM 1243-5	6AG1243-5DX30-2XE0
SIPLUS S7-1200 CM 1242-5 RAIL	6AG2242-5DX30-1XE0
SIPLUS S7-1200 CM 1243-5 RAIL	6AG2243-5DX30-1XE0
SIPLUS S7-1200 CM 1241 RS232	6AG1241-1AH32-4XB0
SIPLUS S7-1200 CM 1241 RS422/485	6AG1241-1CH32-4XB0
SIPLUS NET CSM 1277	6AG1277-1AA10-4AA0
SIPLUS S7-1200 SM 1278 IO-Link Master	6AG1278-4BD32-4XB0
SIPLUS S7-1200 CM1241 RS232 RAIL	6AG2241-1AH32-1XB0
SIPLUS S7-1200 CM1241 RS422/485 RAIL	6AG2241-1CH32-1XB0
SIPLUS S7-1200 CM 1243-2	6AG1243-2AA30-7XB0
SIPLUS S7-1200 CM1241 RS232	6AG1241-1AH32-2XB0
SIPLUS S7-1200 CM 1241 RS422/485	6AG1241-1CH32-2XB0
SIPLUS S7-1200 CP 1243-1	6AG1243-1BX30-2AX0
SIPLUS NET CSM 1277	6AG1277-1AA10-2AA0
SIPLUS S7-1200 SM 1278 IO-Link Master	6AG1278-4BD32-2XB0
SIPLUS S7-1200 CP 1243-1 T1 RAIL	6AG2243-1BX30-1XE0

: Safety-related component

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## Technology modules



	Article number
SIWAREX WP231 WEIGHING ELECTRONIC	7MH4960-2AA01
SIWAREX WP241 WEIGHING ELECTRONIC	7MH4960-4AA01
SIWAREX WP251 WEIGHING ELECTRONIC	7MH4960-6AA01
SM1281_Condition_Monitoring	6AT8007-1AA10-0AA0

## Power supplies

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	Article number
SIMATIC PM1207/1AC/24VDC/2.5A <b>SIPLUS</b>	6EP1332-1SH71
SIPLUS POWER MODUL PM1207	6AG1332-1SH71-4AA0
SIPLUS POWER MODUL PM1207	6AG1332-1SH71-7AA0

## Accessories



	Article number	<a href="#">Compare technical specifications online</a>
<b>Memory card</b>		
SIMATIC S7 memory card, 4 MB	6ES7954-8LC03-0AA0	
SIMATIC S7 Memory Card, 12 MB	6ES7954-8LE03-0AA0	
SIMATIC S7 Memory Card, 24 MB	6ES7954-8LF03-0AA0	
SIMATIC S7 Memory Card, 256 MB	6ES7954-8LL03-0AA0	
SIMATIC S7 Memory Card, 2 GB	6ES7954-8LP03-0AA0	
SIMATIC S7 Memory Card, 32 GB	6ES7954-8LT03-0AA0	

**Manuals**
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Connector Block, 7 Poles, Tin (4/PK)	6ES7292-2AG30-0XA0
Connector keyed, 7 Poles, Tin (4/PK)	6ES7292-2AG40-0XA0
Connector keyed, 7 Poles, Tin (4/PK)	6ES7292-2AG40-0XA1
Connector keyed, 7 Poles, Tin (4/PK)	6ES7292-2AG40-0XA2
Connector Block, 8 Terminal, Tin (4/PK)	6ES7292-2AH30-0XA0
Connector Block, 8 Poles, Tin (4/PK)	6ES7292-2AH40-0XA0
Connector Block, 10 Poles, Tin (4/PK)	6ES7292-2AK30-0XA0
Connector Block, 11 Poles, Tin (4/PK)	6ES7292-2AL30-0XA0
Connector Block, 11 Poles, Tin (4/PK)	6ES7292-2AL40-0XA0
Connector Block, 12 Poles, Tin (4/PK)	6ES7292-2AM30-0XA0
Connector Block, 12-pole, tin (4/PK)	6ES7292-2AM40-0XA0
Connector Block, 14 Poles, Tin (4/PK)	6ES7292-2AP30-0XA0
Connector Block, 14 Poles, Tin (4/PK)	6ES7292-2AP40-0XA0
Connector Block, 16 Poles, Tin (4/PK)	6ES7292-2AR30-0XA0
Connector Block, 18 Poles, Tin (4/PK)	6ES7292-2AT30-0XA0
Connector Block, 20 Poles, Tin (4/PK)	6ES7292-2AV30-0XA0
Connector Block, 20-pole, tin (4/PK)	6ES7292-2AV40-0XA0

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## Accessories

	Article number
Connector Block, 3-pole, gold (4/PK)	6ES7292-2BC30-0XA0
Terminal block, 6 Poles, gold (4/PK)	6ES7292-2BF30-0XB0
Connector Block, 7 Poles, Gold (4/PK)	6ES7292-2BG30-0XA0
Connector Block, 11 Poles, Gold (4/PK)	6ES7292-2BL30-0XA0
Connector Block, 7 Terminal, Tin (4/PK)	6ES7292-1AG30-0XA0
Connector keyed, 7 Terminal, Tin (4/PK)	6ES7292-1AG40-0XA0
Connector keyed, 7 Terminal, Tin (4/PK)	6ES7292-1AG40-0XA1
Connector keyed, 7 pins, Tin (4/Pk)	6ES7292-1AG40-0XA2
Connector Block, 8 Terminal, Tin (4/PK)	6ES7292-1AH30-0XA0
Connector Block, 8 Terminal, Tin (4/PK)	6ES7292-1AH40-0XA0
Connector Block, 10 Terminal, Tin (4/PK)	6ES7292-1AK30-0XA0
Connector Block, 11 Terminal, Tin (4/PK)	6ES7292-1AL30-0XA0
Connector Block, 11 Terminal, Tin (4/PK)	6ES7292-1AL40-0XA0
Connector Block, 12 Terminal, Tin (4/PK)	6ES7292-1AM30-0XA0
Connector Block, 12 Terminal, Tin (4/PK)	6ES7292-1AM40-0XA0
Connector Block, 14 Terminal, Tin (4/PK)	6ES7292-1AP30-0XA0
Connector Block, 14 Terminal, Tin (4/PK)	6ES7292-1AP40-0XA0
Connector Block, 16 Terminal, Tin (4/PK)	6ES7292-1AR30-0XA0
Connector Block, 18 Terminal, Tin (4/PK)	6ES7292-1AT30-0XA0
Connector Block, 20 Terminal, Tin (4/PK)	6ES7292-1AV30-0XA0
Connector Block, 20 Terminal, Tin (4/PK)	6ES7292-1AV40-0XA0
Connector Block, 3 Terminal, Gold (4/PK)	6ES7292-1BC30-0XA0
terminal block, 6 Terminal, gold (4/PK)	6ES7292-1BF30-0XA0
Terminal block, 6 Terminal, gold (4/PK)	6ES7292-1BF30-0XB0
Connector Block, 7 Terminal, Gold (4/PK)	6ES7292-1BG30-0XA0
Connector Block, 11 Terminal, Gold(4/PK)	6ES7292-1BL30-0XA0
<b>TeleService</b>	
TS ADAPTER IE BASIC SIMATIC TELESERVICE	6ES7972-0EB00-0XA0
TS ADAPTER IE ADV. SIMATIC TELESERVICE	6ES7972-0EA00-0XA0
TeleService module modem	6ES7972-0MM00-0XA0
TeleService module ISDN	6ES7972-0MD00-0XA0
TeleService module RS232	6ES7972-0MS00-0XA0
Antenna ANT794-4MR, 2G/3G/4G EU networks	6NH9860-1AA00
Antenna ANT794-3M, 2G networks	6NH9870-1AA00
<b>Strain relief</b> <a href="#">Compare technical specifications online</a>	
S7-1200 Single Port RJ45 Strain Relief	6ES7290-3AA30-0XA0
S7-1200 Dual Port RJ45 Strain Relief	6ES7290-3AB30-0XA0
SIMATIC S7-1200, Expansion Cable 2.0M	6ES7290-6AA30-0XA0
Repeater RS485 f. PROFIBUS/MPI	6ES7972-0AA02-0XA0
Diagnostic repeater f. PROFIBUS-DP,	6ES7972-0AB01-0XA0
<b>SIPLUS</b>	
SIPLUS Diagnose-Repeater fuer Profibus	6AG1972-0AB01-4XA0
SIPLUS DP RS485-Repeater	6AG1972-0AA02-7XA0
<b>Accessories M8, M12</b>	
AS-INTERFACE, BLANK PLUG	3RK1901-1KA00
M12 PROFIBUS SOCKET ANGLED	3RK1902-4HB15-5AA0
M12 PROFIBUS SOCKET ANGLED	3RK1902-4HB50-5AA0
M12 PROFIBUS SOCKET ANGLED	3RK1902-4HC01-5AA0
M12 - M12 CABLE 1.5M 3 POLE	3RK1902-4PB15-3AA0
ET200, Y Cable	6ES7194-6KA00-0XA0
Conn. Cable IO-Link, 2 X M12-4pin, 5m	6GT2891-4MH50
Conn. Cable IO-Link, 2 X M12-4pin, 10m	6GT2891-4MN10
Control Cable 5 core cable sold by meter	6XV1801-2C
Control Connecting Cable M12/M12, 0,5m	6XV1801-2CE50

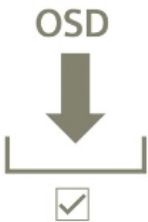
 : Safety-related component

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**Accessories**

	Article number
Control Connecting Cable M12/M12, 1,0m	6XV1801-2CH10
Control Connecting Cable M12/M12, 1,0m	6XV1801-2CH15
Control Connecting Cable M12/M12, 2,0m	6XV1801-2CH20
Control Connecting Cable M12/M12, 3,0m	6XV1801-2CH30
Control Connecting Cable M12/M12, 5,0m	6XV1801-2CH50
Control Connecting Cable M12/M12, 10,0m	6XV1801-2CN10
Control Connecting Cable M12/M12, 15,0m	6XV1801-2CN15
Control M12 Cable Connector PRO	6GK1908-0DC10-6AA0
<b>Sensors</b>	<a href="#">Compare technical specifications online</a>
SIPLUS CMS2000 VIB-SENSOR S01	6AT8002-4AB00
SIPLUS CMS VIB-SENSOR S02	6AT8008-2AA00-0AA0
SIPLUS CMS VIB-SENSOR S03	6AT8008-2AA02-0AA0
<b>Cable</b>	<a href="#">Compare technical specifications online</a>
SIPLUS CMS2000 CABLE 3m	6AT8002-4AC03
SIPLUS CMS2000 CABLE 10m	6AT8002-4AC10
SIPLUS CMS CABLE 30m	6AT8008-2BA12-0AA0

**Engineering software and software options**



	Article number
SIMATIC STEP 7 Basic V18 DL	6ES7822-0AE08-0YA5
SIMATIC STEP 7 Basic V18	6ES7822-0AA08-0YA5
STEP 7 Basic TIA Portal SUS DL	6ES7822-0AE00-0YY0
STEP 7 Basic SW Update Service, 1 Year	6ES7822-0AA00-0YL0
STEP 7 Safety Basic V18 SW DL	6ES7833-1FB18-0YH5
STEP 7 Safety Basic V18	6ES7833-1FB18-0YA5
<b>STEP7 Safety Basic, SUS Download</b>	6ES7833-1FD00-0YN2
<b>STEP7 Safety Basic, SW Update Service</b>	6ES7833-1FD00-0YX2

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