

Product	MLFB	FW- Version	Short Description
S7-400			
UR1ALU	6ES7 400-1TA11-0AA0		Aluminium universal rack, 18 slots
ER2ALU	6ES7 403-1JA11-0AA0		Aluminium expansion rack, 9 slots, only for SMs (P bus)
ER1ALU	6ES7 403-1TA11-0AA0		Aluminium expansion rack, 18 slots, only for SMs (P bus)
CP 443-5 Ext	6GK7 443-5DX04-0XE0	V6.3	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle time, SEND/RECEIVE interface, S7 communication, time-of-day synchronization, routing, data record routing, DPV1, firmware V6.3
CP 443-5 Ext	6GK7 443-5DX04-0XE0	V6.4	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle time, SEND/RECEIVE interface, S7 communication, time-of-day synchronization, routing, data record routing, DPV1, firmware V6.4
CP 443-5 Ext	6GK7 443-5DX03-0XE0	V5.2	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle, SEND/RECEIVE interface, S7 communication, time-of-day synchronization, routing, data record routing, DPV1, firmware V5.2
CP 443-1 Advanced	6GK7 443-1GX20-0XE0	V2.0	S7 CP für Industrial Ethernet mit 2 Interfaces, Gigabit Interface (1Port, 10/100/1000 Mbit) und PROFINET Interface (4-Port Switch, 10/100 Mbit): ISO und TCP/IP mit SEND-RECEIVE- und FETCH-WRITE-Schnittstelle, UDP, TCP mit/ohne RFC 1006, IP-Multicast, ISO,
CP 443-1	6GK7 443-1EX20-0XE0	V1.0	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, PROFINET IO controller, long data, UDP, TCP, ISO, S7 communication, routing, module replacement without PG, 2-port switch, 10/100 Mbps, initialization over LAN, IP m
CP 443-1	6GK7 443-1EX20-0XE0	V2.0	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE- and FETCH-WRITE-interface, PROFINET IO-Controller, long data, UDP, TCP, ISO, S7-communication, routing, BG-change without PG, 2-Port Switch, 10/100 Mbit, initialization with LAN, IP-Multicast
CPU 414-3 PN/DP	6ES7 414-3EM05-0AB0	V5.2	work memory 1.4 MB code and 1.4 MB data; 0.045 ms/1000 instructions; 8 KB DI/O; 32 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time and isochronous real-time processing; r
CPU 416-3 PN/DP	6ES7 416-3ER05-0AB0	V5.2	work memory 5.6 MB code and 5.6 MB data; 0.030 ms/1000 instructions; 16 KB DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time and isochronous real-time processing;
CPU 416F-3 PN/DP	6ES7 416-3FR05-0AB0	V5.2	work memory 5.6 MB code and 5.6 MB data; 0.030 ms/100 instructions; 16 KB DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time and isochronous real-time processing; r
CPU 417-4 H	6ES7 417-4HT14-0AB0	V4.5	Redundant and fail-safe capable, work memory 15MB code and 15MB of data; 0.018 ms/1000 instructions; 16KB DI/O; 64 connections; 1*DP/MPI, 1*DP and 2 receptacles for H Sync modules; supports PROFIsafe V2; firmware V4.5
CPU 412-3 H	6ES7 412-3HJ14-0AB0	V4.5	Redundant and fail-safe capable, work memory 512KB code and 256KB of data; 0.075 ms/1000 instructions; 8KB DI/O; 16 connections; 1*DP/MPI and 2 receptacles for H Sync modules; supports PROFIsafe V2; firmware V4.5
CPU 414-4 H	6ES7 414-4HM14-0AB0	V4.5	Redundant and fail-safe capable, work memory 1.4MB code and 1.4MB of data; 0.045 ms/1000 instructions; 8KB DI/O; 32 connections; 1*DP/MPI, 1*DP and 2 receptacles for H Sync modules; supports PROFIsafe V2; firmware V4.5

Product	MLFB	FW- Version	Short Description
S7-300			
IM151-8F PN/DP CPU	6ES7 151-8FB00-0AB0	V2.7	Work memory 192KB; 0.3ms/1000 instructions; PROFINET connection; S7 communication (loadable FBs/FCs); PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 3 ports; PROFINET CBA; PROFINET CBA-Proxy; transport protocol TCP/IP, UDP and ISO on TCP;
IM151-8 PN/DP CPU	6ES7 151-8AB00-0AB0	V2.7	Work memory 128KB; 0.3ms/1000 instructions; PROFINET connection; S7 communication (loadable FBs/FCs); PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 3 ports; PROFINET CBA; PROFINET CBA-Proxy; transport protocol TCP/IP, UDP and ISO on TCP;
CPU 319F-3 PN/DP	6ES7 318-3FL00-0AB0	V2.7	Work memory 1400KB; 0.01ms/1000 instructions; PROFINET connection; S7 communication (loadable FBs/FCs); PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 1 port; PROFINET CBA; PROFINET CBA-Proxy; TCP/IP transport protocol; combined MPI/DP c
CPU 319-3 PN/DP	6ES7 318-3EL00-0AB0	V2.7	Work memory 1400KB; 0.01ms/1000 instructions; PROFINET connection; S7 communication (loadable FBs/FCs); PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 1 port; PROFINET CBA; PROFINET CBA-Proxy; TCP/IP transport protocol; combined MPI/DP c
SIWAREX U-1	7MH4 950-1AA01		Weighing Module, SIWAREX U with 1 channel
SIWAREX U-2	7MH4 950-2AA01		Weighing Module, SIWAREX U with 2 channels
CP 343-1 Advanced	6GK7 343-1GX30-0XE0	V1.0	S7 CP für Industrial Ethernet mit 2 Interfaces, Gigabit Interface (1Port, 10/100/1000 Mbit) und PROFINET Interface (2-Port Switch, 10/100 Mbit); ISO und TCP/IP mit SEND-RECEIVE- und FETCH-WRITE-Schnittstelle, UDP, TCP mit/ohne RFC 1006, IP-Multicast, ISO,
CP 343-1	6GK7 343-1EX21-0XE0	V1.2	S7 CP für Industrial Ethernet TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, PROFINET IO Controller, PROFINET CBA, long data, UDP, TCP, ISO, S7 communication, routing, module replacement without PG, 10/100 Mbps, initialization over LAN, IP multicast,
FM 352 CAM MODULE	6ES7 352-1AH02-0AE0		Electronic cam control, 1 channel, also for configuration with active bus modules
PS 307 10A	6ES7 307-1KA01-0AA0		Load supply voltage 120 / 230 VAC:24 VDC / 10 A
CP 343-2 P	6GK7 343-2AH11-0XA0		Basic module for AS-i attachment. Support of AS-i-A/B slaves and AS-i-7.3/7.4 analog slaves. Upload an AS-i configuration to the PG.
CP 343-2	6GK7 343-2AH01-0XA0		Basic module for AS-i attachment. Support of AS-i-A/B slaves and AS-i-7.3/7.4 analog slaves and slaves.
H-Sync-Modul	6ES7 960-1AB04-0XA0		H Sync submodule for S7-400H, max. Sync cable length up to 10km
PC Station			
CP 1616	6GK1 161-6AA00	V2.2	SIMATIC NET CP 1616 Industrial Ethernet, PROFINET IO-Controller V2.0, IO-Router, MRP, Faststartup, Firmware V2.2
CP 1604	6GK1 160-4AA00	V2.2	SIMATIC NET CP 1604 Industrial Ethernet, PROFINET IO-Controller V2.0, IO-Router, MRP, Faststartup, Firmware V2.2
CP 1616 onboard	CP 1616 onboard	V2.2	SIMATIC NET CP 1616 Industrial Ethernet, PROFINET IO controller, IO router, isochronous real-time Ethernet, firmware V2.2
WinLC RTX	6ES7 611-4SB00-0YB7	V4.3	WinLC RTX V4.3 (WinAC RTX 2005 as of SP2); Windows Logic Controller for Windows 2000/XP with Ardence RTX real-time environment; DP connector (DP master); DPV1; routing; constant bus cycle time and clocking; S7 Communication; firmware V4.3
OPC Server	OPC Server	V7.0.0	OPC Server für die Protokolle DP, FDL, FMS, S7(subnetzübergreifend), ISO/TCP, SNMP, DP Master Klasse 2, PROFINET IO-Controller, PROFINET CBA, SIMATIC NET CD 2007 FP6 ...

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PROFINET-IO			
ET 200S IM151-3PN	6ES7 151-3BA23-0AB0	V6.0	PROFINET IO device interface module IM 151-3 PN HF (ERTEC200) for ET 200S electronic module, supports packing; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET 200S IM151-3PN	6ES7 151-3AA23-0AB0	V6.0	PROFINET IO device interface module IM 151-3 PN ST (ERTEC200) for ET 200S electronic module, supports packing; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET 200S IM151-3PN	6ES7 151-3BA60-0AB0	V2.0	PROFINET IO device interface submodule IM 151-3 PN HS (ERTEC200) for ET200S electronic modules; PROFINET interface and 2 ports; FW update via bus; port diagnostics, supports isochrone mode; I&M functions; IRT and prioritized startup; firmware V2.0
ET 200pro ET200ecoPN	6ES7 142-6BF00-0AB0	V6.0	PROFINET IO compact device; 8 DO DC24V/1.3A 4xM12; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality
ET 200pro ET200ecoPN	6ES7 141-6BF00-0AB0	V6.0	PROFINET IO compact device; 8 DI DC24V 4xM12; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality
Vision Sensor VS72x	6GF172x-xxxxx		
SCALANCE X224	6GK5 224-0BA00-2AA3	V4.0	24-port switch (24 x RJ45); PROFINET IO device; supports RT/IRT; PROFINET interface and 24 ports; firmware V4.0
SCALANCE X216	6GK5 216-0BA00-2AA3	V4.0	16-port switch (16 x RJ45); PROFINET IO device; supports RT/IRT; PROFINET interface and 16 ports; firmware V4.0
SCALANCE X212-2	6GK5 212-2BB00-2AA3	V4.0	14-port switch (12 x RJ45 + 2 x FO); PROFINET IO device; supports RT/IRT; PROFINET interface and 14 ports; firmware V4.0
SCALANCE X212-2LD	6GK5 212-2BC00-2AA3	V4.0	14-port switch (12 x RJ45 + 2 x FO LD); PROFINET IO device; supports RT/IRT; PROFINET interface and 14 ports; firmware V4.0
SCALANCE X208	6GK5 208-0BA10-2AA3	V4.0	8-port switch (8 x RJ45); PROFINET IO device; PROFINET interface and 8 ports; firmware V4.0
SCALANCE X206-1	6GK5 206-1BB10-2AA3	V4.0	7-port switch (6 x RJ45 + 1 x FO); PROFINET IO device; PROFINET interface and 7 ports; firmware V4.0
SCALANCE X206-1LD	6GK5 206-1BC10-2AA3	V4.0	7-port switch (6 x RJ45 + 1 x FO LD); PROFINET IO device; PROFINET interface and 7 ports; firmware V4.0
SCALANCE X204-2	6GK5 204-2BB10-2AA3	V4.0	6-port switch (4 x RJ45 + 2 x FO); PROFINET IO device; PROFINET interface and 6 ports; firmware V4.0
SCALANCE X204-2LD	6GK5 204-2BC10-2AA3	V4.0	6-port switch (4 x RJ45 + 2 x FO LD); PROFINET IO device; PROFINET interface and 6 ports; firmware V4.0
SCALANCE X202-2IRT	6GK5 202-2BB00-2BA3	V4.0	4-port switch (2 x RJ45 + 2 x FO); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X204IRT	6GK5 204-0BA00-2BA3	V4.0	4-port switch (4 x RJ45); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X202-2P IRT	6GK5 202-2BH00-2BA3	V4.0	4-port switch (2 x RJ45 + 2 x POF); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X201-3P IRT	6GK5 201-3BH00-2BA3	V4.0	4-port switch (1 x RJ45 + 3 x POF); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X200-4P IRT	6GK5 200-4AH00-2BA3	V4.0	4-port switch (4 x POF); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X202-2P IRT PRO	6GK5 202-2JR00-2BA6	V4.0	4-port switch (2 x RJ45 + 2 x POF); PRO; PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE X204IRT PRO	6GK5 204-0JA00-2BA6	V4.0	4-port switch (4 x RJ45); PRO; PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1BA60-2AA0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; internal antenna; PRO; type AP; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1BA60-2AB0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; internal antenna; PRO; type AP; US version; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1AA60-2AA0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; external antenna; PRO; type AP; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1AA60-2AB0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; external antenna; PRO; type AP; US version; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1BB60-2AA0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; external antenna; PRO; type AP; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1BB60-2AB0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; internal antenna; PRO; type AP; US version; firmware V4.0
SCALANCE W786-1PRO	6GK5 786-1AB60-2AA0	V4.0	Single wireless access point with Ethernet interface; PROFINET IO device; PROFINET interface and 1 port; external antenna; PRO; type AP; firmware V4.0

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PROFIBUS-DP/PROFINET-IO Modules			
ET 200S 1 COUNT 24V V2.0	6ES7 138-4DA04-0AB0	V2.0	Counter module, 24V, supports isochrone mode, V2.0
ET 200S 1 COUNT 5V V2.0	6ES7 138-4DE02-0AB0	V2.0	Counter module, 5V, supports isochrone mode, V2.0
ET 200S 4DO DC24V/0.5A ST	6ES7 132-4BD02-0AA0		Digital output module DO 4x24 VDC/0.5A, standard, supports isochrone mode
ET 200S 2AI U HS	6ES7 134-4FB52-0AB0	V02.00.00	Analog input module AI 2xU (+/-2.5V / 14 bits+sign, 1..5V / 14 bits, +/-5V, +/-10V / 15 bits+sign), high speed, supports isochrone mode
ET 200S 2AI I 4WIRE HS	6ES7 134-4GB62-0AB0	V02.00.00	Analog input module AI 2xI, 4-wire MU (+/-20mA / 15 bits+sign, 0..20mA, 4..20mA / 15 bits), high speed, supports isochrone mode
ET 200S 2AO I HS	6ES7 135-4GB52-0AB0	V02.00.00	Analog output module AO 2xI (+/-20mA / 15 bits+sign, 4..20mA / 15 bits), high speed, supports isochrone mode
ET 200iSP 4 AI RTD	6ES7 134-7SD51-0AB0		Analog input module 4xRTD
ET 200iSP 2RO UC60V/2A	6ES7 132-7HB00-0AB0		Digital output module 2xrelay UC60V/2A
FC 1,1/1,5kW; Standard telegram 1	6SL3 235-0TE21-1RB0		Frequency converter ET 200pro FC; 1.1kW / 1.5kW (derated); 3AC380V..3AC480V, +10% -15%, HAN Q4/2; integrated brake controller DC 400V, HAN Q8
F-FC 1,1/1,5kW; Standard telegram 1	6SL3 235-0TE21-1SB0		Frequency converter ET 200pro FC with integrated safety functions; 1.1kW / 1.5kW (derated); 3AC380V..3AC480V, +10% -15%, HAN Q4/2; integrated brake controller DC 400V, HAN Q8