

Product	MLFB	FW- Version	Short Description
S7-400			
CPU 412-1	6ES7 412-1XJ05-0AB0	V5.2	Work memory 144KB code and 144KB of data; 0.075 ms/1000 instructions; 4KB DI/O; 32 connections 1*DP/MPI; send and receive capability for direct data exchange; DP constant bus cycle time and clocking editing; routing; data record routing; multi-computing capable; firmware V5.2
CPU 412-2 DP	6ES7 412-2XJ05-0AB0	V5.2	Work memory 256KB code and 256KB of data; 0.075 ms/1000 instructions; 4KB DI/O; 32 connections 1*DP/MPI and 1*DP; send and receive capability for direct data exchange; constant bus cycle time and clocking editing; routing; data record routing; multi-computing capable; firmware V5.2
CPU 414-2 DP	6ES7 414-2XK05-0AB0	V5.2	Work memory 512KB code and 512KB data 0.045 ms/1000 instructions; 8KB DI/O; 32 connections 1*DP/MPI and 1*DP; send receive capability for direct data exchange; constant bus cycle time and clocking editing; routing; data record routing; multi-computing capable; firmware V5.2
CPU 414-3 DP	6ES7 414-3XM05-0AB0	V5.2	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 1 receptacle for IF modules; send and receive capability for direct data exchange; constant bus cycle time and clocking editing, routing, data record routing; multicomputing capable; firmware V5.2
CPU 416-2 DP	6ES7 416-2XN05-0AB0	V5.2	Work memory 2.8MB code and 2.8MB data 0.030 ms/1000 instructions; 16KB DI/O; 64 connections 1*DP/MPI and 1*DP; send and receive capability for direct data exchange; constant bus cycle time and clocking editing; routing; data record routing; multicomputing capability; firmware V5.2
CPU 416F-2	6ES7 416-2FN05-0AB0	V5.2	Work memory 2.8MB code and 2.8MB data 0.030 ms/1000 instructions; 16KB DI/O; 64 connections; 1*DP/MPI and 1*DP; send and receive capability for direct data exchange; constant bus cycle time and clocking editing; routing; data record routing; multicomputing; firmware V5.2; can be used for safety applications; supports PROFIsafe V2
CPU 416-3 DP	6ES7 416-3XR05-0AB0	V5.2	Work memory 5.6MB code and 5.6MB of data 0.030 ms/1000 instructions; 16KB DI/O; 64 connections; 1*DP/MPI, 1*DP and 1 receptacle for IF modules; send and receive capability for direct data exchange; constant bus cycle time and clocking editing; routing; data record routing; multicomputing capable; firmware V5.2
CPU 417-4	6ES7 417-4XT05-0AB0	V5.2	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 IF modules; multi-computing computable, send and receive capable for direct data exchange, constant bus cycle time and clocking editing, routing, data record routing; firmware V5.2
CPU 414-3 PN/DP	6ES7 414-3EM05-0AB0	V5.3	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; routing; data record routing; with multicomputing capability; PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; firmware V5.3
CPU 416-3 PN/DP	6ES7 416-3ER05-0AB0	V5.3	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; routing; data record routing; with multicomputing capability; PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; firmware V5.3
CPU 416F-3 PN/DP	6ES7 416-3FR05-0AB0	V5.3	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; routing; data record routing; with multicomputing capability; PROFINET IO-Controller; supports RT/IRT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; firmware V5.3. Can be used for security applications; supports PROFIsafe V2

Product	MLFB	FW- Version	Short Description
S7-300			
CPU 319-3 PN/DP	6ES7 318-3EL00-0AB0	V2.8	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 connection (MPI or DP master or DP slave); multiline structure up to 32 modules; constant DP bus cycle time; routing; data record routing; firmware V2.8
CPU 319F-3 PN/DP	6ES7 318-3FL00-0AB0	V2.8	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 connection (MPI or DP master or DP slave); multiline structure up to 32 modules; constant DP bus cycle time; routing; data record routing; firmware V2.8, can be used for safety applications; supports PROFIsafe V2
IE/PB Link	6GK1 411-5AB00	V2.1	IE/PB Link (configuration as gateway), connects Industrial Ethernet with PROFIBUS, routing, data record gateway, S7 slaves, DPV1 slaves, firmware V2.1
SM 331 AI6xTC	6ES7 331-7PE10-0AB0		Analog input module AI6xTC, 16bits, iso; Thermocouples: B, E, J, K, L, N, R, S, T, U, C, TXK/XK(L); Firmware update
CP 341-RS232C	6ES7 341-1AH02-0AE0		Communication processor with connection: RS232C (RK512, ASCII, 3964(R), printer, loadable driver)
CP 341-20mA TTY	6ES7 341-1BH02-0AE0		Communication processor with connection: 20 mA TTY (RK512, ASCII, 3964(R), printer, loadable driver)
CP 341-RS422/485	6ES7 341-1CH02-0AE0		Communication processor with connection: RS422/485 (RK512, ASCII, 3964(R), printer, loadable driver)
SM 335 AI4/AO4x14/12Bit	6ES7 335-7HG02-0AB0		Analog I/O module AI4/14 bits + AO4/12 bits
FM350-2 COUNTER	6ES7 350-2AH01-0AE0		Counter module, 8 channels
FM350-2 COUNTER E	6ES7 350-2AH01-0AE0		Counter module, 8 channels, extended user data

Product	MLFB	FW- Version	Short Description
PC Station			
WinLC RTX EC	6ES7 677-1DD00-0BA0	V1.0	CPU for S7-mEC with Logic Controller functions WinLC RTX V4.4; PROFINET IO controller, supports RT/IRT, PROFINET CBA, TCP/IP transport protocol, S7 communication, multi-line structure of up to 32 modules; Firmware V1.0
WinLC RTX	6ES7 611-4SB00-0YB7	V4.4	WinLC RTX V4.4 (for WinAC RTX 2008, 6ES7 671-0RC06-0YA0); Software Logic Controller for Windows XP with Ardence RTX Realtime environment V8.1; DP connection (DP master); DPV1 with constant bus cycle time and isochronous mode; PROFINET connection; PROFINET IO-Controller; supports RT/IRT; PROFINET CBA; PROFINET CBA-Proxy; TCP/IP transport protocol; Routing; S7 communication; firmware V4.4
CP 5711	6GK1 571-1AA00	V7.1.1	SIMATIC NET CP 5711 PROFIBUS, S7 connections, DP master, DPV1, DP slave, PG functions, routing, DP master class 2, USB, SIMATIC NET CD 2008 SP1...
CP 5623	6GK1 562-3AA00	V7.1.2	SIMATIC NET CP 5603 PROFIBUS, S7 connections, FMS connections, DP master, DP slave, DPV1, direct data exchange, constant bus cycle time, PG functions, routing, PCI-E Bus, SIMATIC NET CD 2008 SP 2...
CP 5624	6GK1 562-4AA00	V7.1.2	SIMATIC NET CP 5624 PROFIBUS, S7 connections, FMS connections, DP master, DPV1, direct data exchange, constant bus cycle time, PG functions, routing, DP master class 2, PCI-E Bus, SIMATIC NET CD 2008 SP 2...
CP 1623	6GK1 162-3AA00	V7.1	SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 connections, H communication, TCP connections, PG functions, PCI bus, routing, 2Gbit ports, SIMATIC NET CD 2008...
CP 1616	6GK1 161-6AA00	V2.3	SIMATIC NET CP 1616 Industrial Ethernet, PROFINET IO-Controller, IO-Router, MRP, prioritized startup, Firmware V2.3
CP 1616 onboard	6GK1 161-6AA00	V2.3	SIMATIC NET CP 1616 Industrial Ethernet, PROFINET IO controller, IO router, isochronous real-time Ethernet, prioritized startup, firmware V2.3
CP 1613	6GK1 161-3AA00	V7.1	SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 connections, H communication, TCP connections, PG functions, PCI bus, routing, SIMATIC NET CD 2008...
CP 5613 A2	6GK1 561-3AA01	V7.1.2	SIMATIC NET CP 5613 A2 PROFIBUS, S7 connections, FMS connections, DP master, DP slave, DPV1, direct data exchange, constant bus cycle time, PG functions, routing, DP master class 2, PCI Bus, SIMATIC NET CD 2008 SP 2...
CP 1612	6GK1 161-2AA00	V7.1	SIMATIC NET CP 1612 Industrial Ethernet, ISO, TCP/IP, S7 connections, PG functions, PCI bus, routing, PROFINET IO Controller, prioritized startup, SIMATIC NET CD 2008...
IE General	IE_CP	V7.1	Substitute for any Industrial Ethernet module, ISO, TCP/IP, S7 connections, PG functions, routing, PROFINET IO Controller, prioritized startup, SIMATIC NET 2008...

Product	MLFB	FW-Version	Short Description
PROFIBUS-DP			
IM151-1 Standard	6ES7 151-1AA05-0AB0		Interface module IM151-1 for ET 200S electronic modules, option handling with/without standby modules, 240 bytes of parameters per slot
PROFINET-IO			
ET 200pro IM154-4 PN HF Cu V6.0	6ES7 154-4AB10-0AB0	V6.0	PROFINET IO device interface submodule IM 154-4 PN with copper cable design for ET 200pro electronic modules, supports packing; PROFINET interface and 2 ports; FW update via bus; port diagnostic; I&M functions; IRT and prioritized startup; firmware V6.0
ET 200pro IM154-6 PN HF IWLAN V1.0	6ES7 154-6AB00-0AB0	V1.0	PROFINET IO device interface module IM 154-6 PN HF with radio interface for ET 200pro electronic modules, supports packing; PROFINET interface for industrial WLAN; FW Update via MMC; I&M functionality; firmware V1.0
ET 200M IM153-4 PN V2.0	6ES7 153-4AA01-0XB0	V2.0	PROFINET IO device interface submodule IM 153-4 PN (ERTEC200) for S7-300 SMs, FM 350 to FM 352, FM 357, CP 340, CP341, CP343-2, PROFINET interface and 2 ports, FW update via bus, port diagnostics, I&M functions; IRT and prioritized startup; firmware V2.0
PN-PN-Coupler-V20	6ES7 158-3AD01-0XA0	V2.0	Coupler of two PROFINET networks, IP20; PROFINET interface and 2 ports; X2 (right side); FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V2.0
ET 200S IM151-3 PN ST V6.1	6ES7 151-3AA23-0AB0	V6.1	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 V6.1
ET 200S IM151-3 PN HF V6.1	6ES7 151-3BA23-0AB0	V6.1	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 V6.1
ET 200S IM151-3 PN FO V6.1	6ES7 151-3BB23-0AB0	V6.1	PROFINET IO device interface module IM 151-3 PN FO (ERTEC200) for ET 200S electronic module, supports packing; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; firmware V6.1
ET 200S IM151-3 PN HS V2.1	6ES7 151-3BA60-0AB0	V2.1	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 V2.1
ET200ecoPN 8 DO DC24V/1.3A 8xM12 V6.0	6ES7 142-6BG00-0AB0	V6.0	PROFINET IO compact device; 8 DO DC24V/1.3A 8xM12; 60mm overall width; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET200ecoPN 8 DI DC24V 8xM12 V6.0	6ES7 141-6BG00-0AB0	V6.0	PROFINET IO compact device; 8 DI DC24V 8xM12; 60mm overall width; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET200ecoPN 16 DI DC24V 8xM12 V6.0	6ES7 141-6BH00-0AB0	V6.0	PROFINET IO compact device; 16 DI DC24V 8xM12; 60mm overall width; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET200ecoPN 8 DO DC24V/0.5A 4xM12 V6.0	6ES7 142-6BF50-0AB0	V6.0	PROFINET IO compact device; 8 DO DC24V/0.5A 4xM12; 30mm overall width; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
ET200ecoPN 16 DO DC24V/1.3A 8xM12 V6.0	6ES7 142-6BH00-0AB0	V6.0	PROFINET IO compact device; 16 DO DC24V/1.3A 8xM12; 60mm overall width; PROFINET interface and 2 ports; FW Update via bus; port diagnostics; I&M functionality; IRT and prioritized startup; firmware V6.0
SCALANCE XF204IRT	6GK5 204-0BA00-2BF2	V4.1	4-port switch (4 x RJ45); PROFINET IO device; supports RT/IRT; PROFINET interface and 4 ports; flat; firmware V4.1
SCALANCE XF204	6GK5 204-0BA00-2AF2	V4.1	4-port switch (4 x RJ45); PROFINET IO device; PROFINET interface and 4 ports; flat; firmware V4.1
SCALANCE XF208	6GK5 208-0BA00-2AF2	V4.1	8-port switch (8 x RJ45); PROFINET IO device; PROFINET interface and 8 ports; flat; firmware V4.1
SCALANCE XF206-1	6GK5 206-1BC00-2AF2	V4.1	7-port switch (6 x RJ45 + 1 x FO); PROFINET IO device; PROFINET interface and 7 ports; flat; firmware V4.1
SCALANCE XF204-2	6GK5 204-2BC00-2AF2	V4.1	6-port switch (4 x RJ45 + 2 x FO); PROFINET IO device; PROFINET interface and 6 ports; flat; firmware V4.1
SCALANCE X307-3	6GK5 307-3BL00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X307-3LD	6GK5 307-3BM00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X308-2	6GK5 308-2FL00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X308-2LD	6GK5 308-2FM00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X308-2LH	6GK5 308-2FN00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X308-2LH+	6GK5 308-2FP00-2AA3	V3.0	Managed switch with copper ports and optical ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X310FE	6GK5 310-0BA00-2AA3	V3.0	Managed switch with copper ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X310	6GK5 310-0FA00-2AA3	V3.0	Managed switch with copper ports; supports RT; PROFINET interface and 10 ports; MRP; firmware V3.0
SCALANCE X414-3E	6GK5 414-3FC00-2AA2	V3.0	Managed switch with copper ports and additional extended modules (15 slots) ; supports RT; PROFINET interface; MRP; firmware V3.0
SCALANCE X408-2	6GK5 408-2FD00-2AA2	V3.0	Managed switch with copper ports and additional extended modules (8 slots) ; supports RT; PROFINET interface and 8 ports; MRP; firmware V3.0

Product	MLFB	FW- Version	Short Description
PROFIBUS-DP/PROFINET-IO Modules			
ET 200S 4SI IO-Link	6ES7 138-4GA50-0AB0		4-channel, serial port for connection of IO-Link devices. Port configuration takes place with the Port Configuration Tool.
ET 200S 4SI SIRIUS	3RK1 005-0LB00-0AA0		4-channel, serial port for connection of IO-Link devices. Port configuration takes place with the Port Configuration Tool.
ET 200S 2RO NO/NC 24...230V/5A	6ES7 132-4HB50-0AB0		Digital output module 2xrelay Form C UC 24...230V/5A with manual operation
ET 200S 2/4 AI RTD ST; 2ch	6ES7 134-4JB51-0AB0		Analog input module 2/4xAI RTD 2ch / 15 bits+sign, standard, R: 150 ohms, 300 ohms, 600 ohms, PTC; RTD: Pt100, Ni100
ET 200S 2/4 AI RTD ST; 4ch	6ES7 134-4JB51-0AB0		Analog input module 2/4xAI RTD 4ch / 15 bits+sign, standard, R: 150 ohms, 300 ohms, 600 ohms, PTC; RTD: Pt100, Ni100
ET 200S 2 AI TC ST	6ES7 134-4JB01-0AB0		Analog input module AI 2xTC / 15 bits+sign, standard, thermocouples: E, N, J, K, L, S, R, B, T