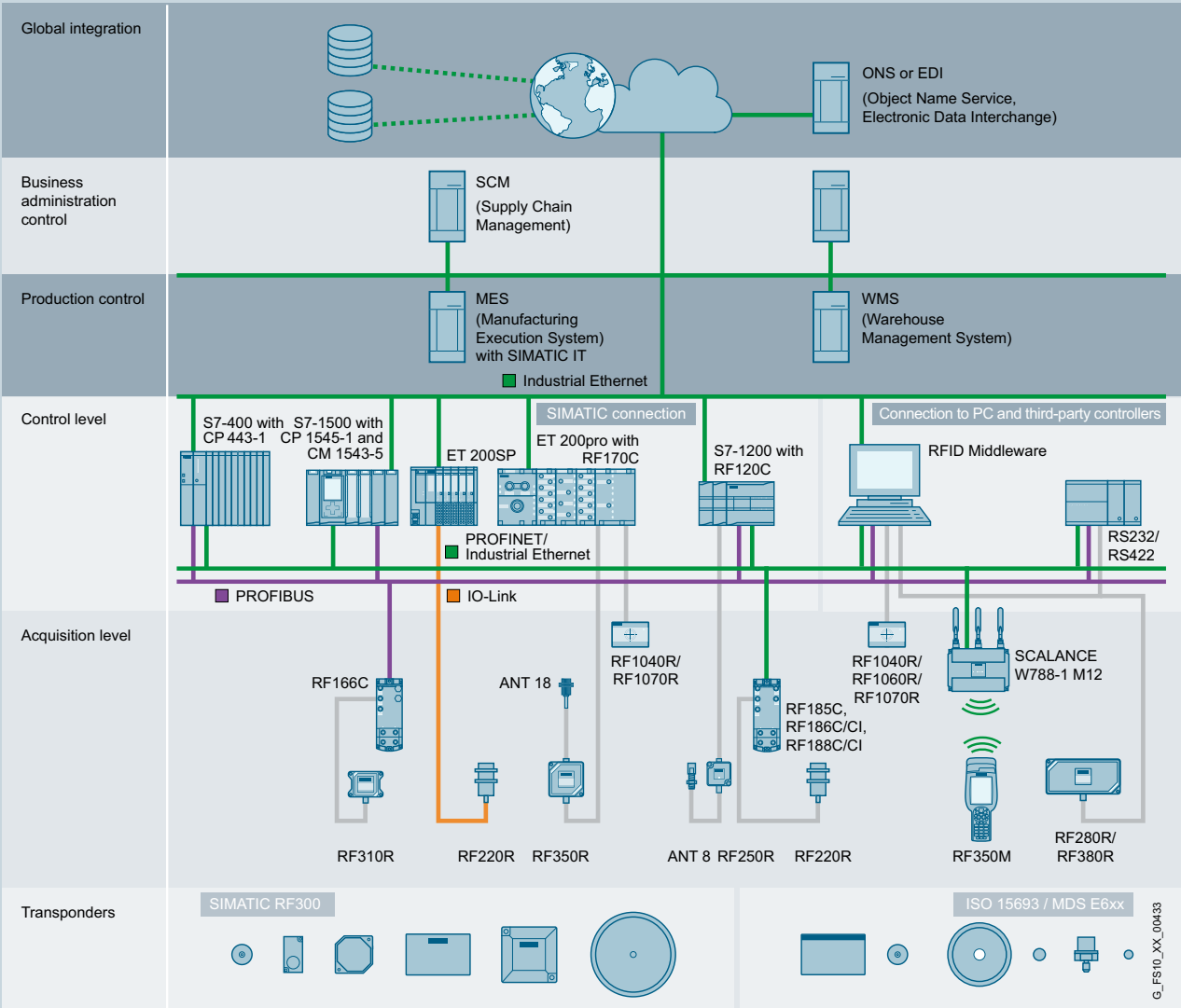


SIMATIC RF200/RF300 configuration



Published by
Siemens AG
Digital Industries
Process Automation
Ostliche Rheinbrückenstr. 50
76187 Karlsruhe, Germany
PDF (6Z85330-0BH02-0BA8)
BR 0920 14 En
Produced in Germany
© Siemens 2020
Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.
All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

siemens.com/rfid

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial security measures that may be implemented, please visit <https://www.siemens.com/industrialsecurity>

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under <https://www.siemens.com/industrialsecurity>

SIEMENS

SIMATIC Ident

SIMATIC
RF200 / RF300 / RF1000

RFID systems for the HF range
Ordering overview – Edition 11/2020

siemens.com/rfid

Ordering overview "SIMATIC RF200 / RF300 / RF1000 – RFID systems for the HF range"

	Product	Comments	Article no. ¹⁾
IO-Link master modules for SIMATIC RF200			
	IO-Link master module	For SIMATIC ET 200eco PN for up to 4 Readers + 8DI + 4DO, 8 × M12	6ES7148-6JA00-0AB0
		For SIMATIC ET 200eco PN for up to 4 Readers, 4 × M12	6ES7148-6JD00-0AB0
		For SIMATIC ET 200eco PN for up to 8 Readers + 4DI	6ES7148-6JG00-0BB0
		For SIMATIC ET 200S for up to 4 Readers	6ES7138-4GA50-0AB0
		For SIMATIC ET 200SP for up to 4 Readers	6ES7137-6BD00-0BA0
		For SIMATIC ET 200AL for up to 4 Readers	6ES7147-5JD00-0BA0
		For SIMATIC ET 200pro for up to 4 Readers	6ES7147-4JD00-0AB0
		For SIMATIC S7-1200 for up to 4 Readers	6ES7278-4BD32-0XB0
		For SIMATIC S7-1500 or ET 200MP for up to 8 Readers	6ES7547-1JF00-0AB0
Software and Documentation			
	DVD	RFID Systems Software & Documentation	6GT2080-2AA20
Communication modules			
	SIMATIC RF120C	Communication module for connecting 1 Reader to SIMATIC S7-1200	6GT2002-0LA00
	SIMATIC RF166C	Communication module for PROFIBUS DP-V1 for connecting up to 2 Readers	6GT2002-0EE20
	SIMATIC RF170C	Communication module for connecting up to 2 Readers to the decentralized peripheral system ET 200pro	6GT2002-0HD01
	Connection block for SIMATIC RF170C	M12 plug-in connector, RS422 or RS232	6GT2002-1HD01
	SIMATIC RF185C	Communication module for PROFINET and Ethernet for connecting 1 Reader	6GT2002-0JE10
	SIMATIC RF186C	Communication module for PROFINET and Ethernet for connecting up to 2 Readers	6GT2002-0JE20
	SIMATIC RF186CI	Communication module for PROFINET and Ethernet for connecting up to 2 Readers and digital I/Os	6GT2002-0JE50
	SIMATIC RF188C	Communication module for PROFINET and Ethernet for connecting up to 4 Readers	6GT2002-0JE40
	SIMATIC RF188CI	Communication module for PROFINET and Ethernet for connecting up to 4 Readers and digital I/Os	6GT2002-0JE60
	ASM 475	Communication module for connecting up to 2 Readers for SIMATIC S7-300 and ET 200M	6GT2002-0GA10

1) You will find up-to-date ordering data on the Internet at: www.siemens.com/industry/mall
Conditions of sales and delivery are available at:
www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

The TIA Selection Tool is available to support the selection of
SIMATIC Ident components:

www.siemens.com/tst



© Siemens 2020 Ordering overview “SIMATIC RF200 / RF300 / RF1000 – RFID systems for the HF range”			
	Product	Comments	Article no. ¹⁾
SIMATIC RF200 Transponders / RF300 Transponders (ISO-Mode)			
	MDS D165	SmartLabel, 112 byte EEPROM	6GT2600-1AB00-0AX0
	MDS D261	SmartLabel, 256 byte EEPROM	6GT2600-1AA01-0AX0
	MDS D100	Transponder in credit card format, 112 byte EEPROM	6GT2600-0AD10
	MDS D200	Transponder in credit card format, 256 byte EEPROM	6GT2600-1AD00-0AX0
	MDS D400	Transponder in credit card format, 2 000 byte FRAM	6GT2600-4AD00
	Fixing lug	For MDS D100/D200/D400	6GT2190-0AB00
	Spacer	For Fixing lug of Transponders MDS D100/D200/D400	6GT2190-0AA00
	Fixing strap	For MDS D100/D200/D400	6GT2390-0AA00
	MDS D421	Tool pill, 2 000 byte FRAM	6GT2600-4AE00
	MDS D521	Tool pill, 8 192 byte FRAM	6GT2600-5AE00
	MDS D422	Transponder for screwing into metal, 2 000 byte FRAM	6GT2600-4AF00
	MDS D522	Transponder for screwing into metal, 8 192 byte FRAM	6GT2600-5AF00
		Transponder for snapping into metal, 8 192 byte FRAM	6GT2600-5AF00-0AX0
	MDS D423	Small Transponder for flush-mounting into metal, 2 000 byte FRAM	6GT2600-4AA00
	MDS D124	Transponder in button format, 112 byte EEPROM	6GT2600-0AC10
	MDS D324	Transponder in button format, 992 byte EEPROM	6GT2600-3AC00
	MDS D424	Transponder in button format, 2 000 byte FRAM	6GT2600-4AC00
	MDS D524	Transponder in button format, 8 192 byte FRAM	6GT2600-5AC00
	Spacer	For MDS D124/D324/D424/D524	6GT2690-0AK00
	MDS D425	Screw Transponder, 2 000 byte FRAM	6GT2600-4AG00
	MDS D525	Screw Transponder, 8 192 byte FRAM	6GT2600-5AG00
	MDS D126	Disk Transponder, 112 byte EEPROM	6GT2600-0AE00
	MDS D426	Disk Transponder, 2 000 byte FRAM	6GT2600-4AH00
	MDS D526	Disk Transponder, 8 192 byte FRAM	6GT2600-5AH00
	Spacer	For MDS D126/D426/D526	6GT2690-0AL00
	MDS D117	Transponder for gluing on metal, 112 byte EEPROM	6GT2600-0AG00
	MDS D127	Screw Transponder, 112 byte EEPROM	6GT2600-0AF00
	MDS D428	Screw Transponder, 2 000 byte FRAM	6GT2600-4AK00-0AX0
	MDS D528	Screw Transponder, 8 192 byte FRAM	6GT2600-5AK00
	MDS D139	Heat-resistant Transponder, 112 byte EEPROM	6GT2600-0AA10
	MDS D339	Heat-resistant Transponder, 992 byte EEPROM	6GT2600-3AA10
	Spacer	For MDS D139/D339	6GT2690-0AA00
	Quick change holder	For MDS D139/D339	6GT2690-0AH00
		For MDS D139/D339	6GT2690-0AH10
	MDS D160	Laundry Transponder, 112 byte EEPROM	6GT2600-0AB10
	MDS D460	Pill, 2 000 byte FRAM	6GT2600-4AB00
	MDS D560	Pill, 8 192 byte FRAM	6GT2600-5AB00
	Spacer	For MDS D160/D460/560	6GT2690-0AG00
	Corner housing	For MDS D160/D460/560	6GT2690-0AN00
SIMATIC RF300 Transponders (MDS E6xx according to ISO14443-A)			
	MDS E600	Transponder in credit card format, 752 byte EEPROM	6GT2300-0AA00
	MDS E611	Rugged Transponder in credit card format, 752 byte EEPROM	6GT2300-0BB00
	Fixing lug	For MDS E600/E611	6GT2190-0AB00
	Spacer	For Fixing lug 6GT2190-0AB00 of Transponders MDS E600/E611	6GT2190-0AA00
	Fixing strap	For MDS E600/E611	6GT2390-0AA00
	MDS E623	Tool pill for flush-mounting in metal, 752 byte EEPROM	6GT2300-0CD00
	MDS E624	Transponder in button format, 752 byte EEPROM	6GT2300-0CE00
SIMATIC RF300 Transponders (RF300 mode)			
	SIMATIC RF320T	Compact Transponder in button format, 20 byte EEPROM	6GT2800-1CA00
	SIMATIC RF330T	Compact Transponder in button format for direct-mounting on and flush-mounting in metal, 32 KB FRAM	6GT2800-5BA00
	Spacer	For RF320/RF330T	6GT2690-0AK00
	Fixing hood	For RF320/RF330T	6GT2690-0AE00
	SIMATIC RF340T	Compact Transponder, for direct mounting on metal, 8 KB FRAM	6GT2800-4BB00
		Compact Transponder, for direct mounting on metal, 32 KB FRAM	6GT2800-5BB00
	SIMATIC RF350T	Universal usable Transponder, for direct mounting on metal, 32 KB FRAM	6GT2800-5BD00
	SIMATIC RF360T	Transponder in credit card format, 8 KB FRAM	6GT2800-4AC00
		Transponder in credit card format, 32 KB FRAM	6GT2800-5AC00
	Fixing lug	For SIMATIC RF360T	6GT2190-0AB00
	Spacer	For Fixing lug 6GT2190-0AB00 of the Transponder SIMATIC RF360T	6GT2190-0AA00
	Fixing strap	For SIMATIC RF360T	6GT2390-0AA00
	SIMATIC RF370T	Transponder in block format, 32 KB FRAM	6GT2800-5BE00
		Transponder in block format, 64 KB FRAM	6GT2800-6BE00
	SIMATIC RF380T	Heat-resistant Transponder, 32 KB FRAM	6GT2800-5DA00
	Skid support	For SIMATIC RF380T	6GT2090-0QA00
	Shrouding cover	For Skid support 6GT2090-0QA00	6GT2090-0QB00
	Universal support	For SIMATIC RF380T, e.g., for attaching to the body	6GT2590-0QA00
SIMATIC RF200 Readers and Antennas			
	SIMATIC RF210R	M18 Reader with integrated antenna (RS422)	6GT2821-1AC10
	SIMATIC RF210R IO-Link V1.0	M18 Reader with integrated antenna	6GT2821-1AC32
	SIMATIC RF210R IO-Link V1.1		6GT2821-1BC32
	SIMATIC RF210M	Handheld with integrated RFID read/write unit RF210R (RS422), with antenna connecting cable (2 m)	6GT2823-0AA00
	SIMATIC RF220R	M30 Reader with integrated antenna (RS422)	6GT2821-2AC10
	SIMATIC RF220R IO-Link V1.0	M30 Reader with integrated antenna	6GT2821-2AC32
	SIMATIC RF220R IO-Link V1.1		6GT2821-2BC32
	SIMATIC RF240R	Reader in block format with integrated antenna (RS422)	6GT2821-4AC10
	SIMATIC RF240R ASCII	Reader in block format with integrated antenna (RS232), with ASCII protocol, Scanmode on-off controllable	6GT2821-4AC40
	SIMATIC RF240R IO-Link V1.0	Reader in block format with integrated antenna	6GT2821-4AC32
	SIMATIC RF240R IO-Link V1.1		6GT2821-4BC32
	SIMATIC RF250R	Reader in block format with external antenna (RS422)	6GT2821-5AC10
	SIMATIC RF250R ASCII	Reader in block format with external antenna (RS232), with ASCII protocol, Scanmode on-off controllable	6GT2821-5AC40
	SIMATIC RF250R IO-Link V1.0	Reader in block format with external antenna	6GT2821-5AC32
	SIMATIC RF250R IO-Link V1.1		6GT2821-5BC32
	Antennas for SIMATIC RF250R	ANT 3, width 28 mm × height 50 mm × depth 10 mm, with antenna connecting cable (3 m)	6GT2398-1CD40-0AX0
		ANT 35, width 28 mm × height 50 mm × depth 10 mm, with antenna connecting cable (3 m)	6GT2398-1CD60-0AX0
		ANT 8, M8, stainless steel, with antenna connecting cable (3 m)	6GT2398-1CF10
		ANT 12, M12, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DC10
		ANT 18, M18, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DA10
		ANT 30, M30, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DD10
	SIMATIC RF260R	Reader in block format with integrated antenna (RS422)	6GT2821-6AC10
	SIMATIC RF260R ASCII	Reader in block format with integrated antenna (RS232), with ASCII protocol, Scanmode on-off controllable	6GT2821-6AC40
	SIMATIC RF260R IO-Link V1.0	Reader in block format with integrated antenna	6GT2821-6AC32
	SIMATIC RF260R IO-Link V1.1		6GT2821-6BC32
	SIMATIC RF280R	Reader with integrated antenna for long ranges (RS422)	6GT2821-8AC10
	SIMATIC RF280R ASCII	Reader with integrated antenna for long ranges (RS232), with ASCII protocol, Scanmode on-off controllable	6GT2821-8AC40
	SIMATIC RF285R	Reader with external antenna (RS232)	6GT2821-7AC12
	Antennas for SIMATIC RF285R	ANT D1, with antenna connecting cable (3.3 m)	6GT2698-5AC00
		ANT D5, with antenna connecting cable (3.3 m)	6GT2698-5AA10
		ANT D6, with antenna connecting cable (3.3 m)	6GT2698-5AB00
		Shrouding cover for ANT D6	6GT2690-0AD00
	SIMATIC RF290R	Long-range Reader for the upper performance range with external antenna	6GT2821-0AC12
	Antennas for SIMATIC RF290R	ANT D1, with antenna connecting cable (3.3 m)	6GT2698-5AC00
		ANT D5, with antenna connecting cable (3.3 m)	6GT2698-5AA10
		ANT D6, with antenna connecting cable (3.3 m)	6GT2698-5AB00
		Shrouding cover for ANT D6	6GT2690-0AD00
		ANT D10, with antenna connecting cable (3.3 m)	6GT2698-5AF00
	SIMATIC RF350M	Handheld see category SIMATIC RF300 Readers and Antennas	
SIMATIC RF300 Readers and Antennas			
	SIMATIC RF310R	Particularly compact Reader in block format with integrated antenna (RS422)	6GT2801-1BA10
		Particularly compact Reader in block format with integrated antenna (RS422), special version with rotated base plate (90°)	6GT2801-1BA10-0AX1
		Particularly compact Reader in block format with integrated antenna (RS422), special version with Scanmode and rotated base plate (90°)	6GT2801-1BA20-0AX1
		Particularly compact Reader in block format with integrated antenna (RS422), special version ATEX (Zone 2/22)	6GT2801-1BA10-0AX2
	SIMATIC RF340R	Compact Reader in block format with integrated antenna (RS422)	6GT2801-2BA10
		Compact Reader in block format with integrated antenna (RS422), special version ATEX (Zone 2/22)	6GT2801-2BA10-0AX2
	SIMATIC RF350R	Universal Reader in block format with external antenna	6GT2801-4BA10
		Universal Reader in block format with external antenna (RS422), special version ATEX (Zone 2/22)	6GT2801-4BA10-0AX2
	Antennas for SIMATIC RF350R	ANT 1, length 75 mm × width 75 mm × height 20 mm, with antenna connecting cable (3 m)	6GT2398-1CB00
		ANT 3, width 28 mm × height 50 mm × depth 10 mm, with antenna connecting cable (3 m)	6GT2398-1CD40-0AX0
		ANT 35, width 28 mm × height 50 mm × depth 10 mm, with antenna connecting cable (3 m)	6GT2398-1CD60-0AX0
		ANT 8, M8, stainless steel, without antenna connecting cable	6GT2398-1CF00
		ANT 12, M12, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DC10
		ANT 18, M18, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DA10
		ANT 30, M30, stainless steel, with antenna connecting cable (3 m)	6GT2398-1DD10
		Reader with integrated antenna for the upper performance range (RS232, RS422)	6GT2801-3BA10
	SIMATIC RF380R	Reader with integrated antenna for the upper performance range (RS422, RS232), special version ATEX (Zone 2/22)	6GT2801-3BA10-0AX2
	SIMATIC RF382R	Reader with integrated special antenna, for the upper performance range (RS232, RS422), for Transponders installed in rotated position (90°), Scanmode	6GT2801-3AB20-0AX0
	SIMATIC RF350M	Handheld with integrated RFID read/write unit (RF300, ISO 15693 and MOBY E), integrated antenna, battery, standard software pre-installed, without Charging/Docking station	6GT2803-1BA00
		Handheld with integrated RFID read/write unit (RF300, ISO 15693 and MOBY E), for external antennas, battery, standard software pre-installed, without Charging/Docking station, without external antenna	6GT2803-1BA10
	Antennas for SIMATIC RF350M type 6GT2803-1BA10	ANT 3, width 28 mm × height 50 mm × depth 10 mm, without antenna connecting cable	6GT2398-1CD30-0AX0
		ANT 35, width 28 mm × height 50 mm × depth 10 mm, without antenna connecting cable	6GT2398-1CD50-0AX0
		ANT 8, M8, stainless steel, without antenna connecting cable	6GT2398-1CF00
		ANT 12, M12, stainless steel, without antenna connecting cable	6GT2398-1DC00
		ANT 18, M18, stainless steel, without antenna connecting cable	6GT2398-1DA00
		ANT 30, M30, stainless steel, without antenna connecting cable	6GT2398-1DD00
	Accessories for SIMATIC RF350M	Antenna connecting cable for ANT 3, ANT 35 and ANT 8, 12, 18, 30, length 0.1 m	6GT2898-0EA00
		Antenna connecting cable for ANT 3, ANT 35 and ANT 8, 12, 18, 30, length 3 m	6GT2391-0AH30
		Charging/Docking station	6GT2803-0BM00
		Spare Battery	6GT2803-0CA00
SIMATIC RF1000 Readers			
	SIMATIC RF1040R	Access control Reader with USB connection (1.8 m connecting cable) and RS232 interface for LF and HF range	6GT2831-6CA50
	SIMATIC RF1060R	Access control Reader with USB connection (1.8 m connecting cable) for the HF range	6GT2831-6AA50
	SIMATIC RF1070R	Access control Reader with USB connection (1.8 m connecting cable) and RS232 interface for HF range (incl. Legic)	6GT2831-6BA50
	SIMATIC RF1070R OEM	Access control Reader with USB connection (1.8 m connecting cable) and RS232 interface for HF range (incl. Legic), with neutral front film, for customer-specific design	6GT2831-6BA50-0AX0
	Accessories for RF1000 Readers	Card holder	6GT2890-0CA00
		Configuration card for customer-specific Reader configurations	6GT2300-0CC00-0AX0
1) You will find up-to-date ordering data on the Internet at: www.siemens.com/industrymall Conditions of sales and delivery are available at: www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf			