

SIMATIC RF671T (FCC) FR4 10 x 5 x 3 mm ISO 18000-63, EPC Class 1 Gen 2 frequency 902 to 928 MHz IMPINJ MONZA R6-P 128 bits (16 bytes) EPC ID 32 bits (4 bytes) user memory fixing by glueing on metal, heat-resistant printing not possible temperature from -40 °C to +175 °C IP67 50 units/carton 1 carton 50 units MOQ



suitability for operation	RF600
product brand name	SIMATIC RF
Technical Product Detail Page	https://l.siemens.com/1P6GT2810-2HF10
radio frequencies	
operating frequency	902 ... 928 MHz
range / maximum	5 m; observe system manual RF600: overrange is possible, range is reader dependent: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	EPCglobal Class 1 Gen 2 / ISO 18000-63
transfer rate / with radio transmission / maximum	320 kbit/s
product feature / multitag-capable	Yes
polarization	Linear
electrical data	
product component / backup battery	No
memory	
type of memory	EEPROM
storage capacity / of the user memory	16 byte
type of memory organization	EPC memory 128 bits (16 bytes) assigned with sequential identifier, user memory 32 bit (4 bytes), TID memory 96 bit (12 bytes)
number of read cycles / at ambient temperature < 40 °C / maximum	1E+14
number of write cycles / at ambient temperature < 40 °C / maximum	100000
data retention time / at ambient temperature < 40 °C / not less than	10 a
property of memory	lock, unlock, write protection, password protection
type of transponder chip used	Impinj M750
mechanical data	
material	FR4
color	black
mounting distance / relating to metal surfaces / recommended / minimum	0 mm
ambient conditions	
ambient temperature	
• during read/write access	-20 ... +85 °C
• outside the read/write area	-40 ... +175 °C
• during storage	-20 ... +85 °C
protection class IP	IP68
shock resistance	According to DIN EN 60721-3-7 Class 7 M3
shock acceleration	500 m/s ²
vibrational acceleration	200 m/s ²

resistance to mechanical stress	not permitted
design, dimensions and weights	
width	10.8 mm
height	3.9 mm
depth	5.75 mm
net weight	1 g
fastening method	gluing
product features, product functions, product components / general	
product feature	
• silicon-free	Yes
• printable	No
standards, specifications, approvals	
certificate of suitability	
• IECEx	No
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: identification and localization systems	https://www.siemens.com/ident
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAx-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
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[Manufacturer Declaration](#)

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