



SPACE TAG 20 mm
125 kHz
READ WRITE
HITAG S SERIES
ISO-IEC 18000-2

Description:	SPACE TAG 20 mm 125 kHz Read Write Hitag S series ISO-IEC 18000-2		
IC type:	NXP former Philips Hitag S32 (32 bits UID Read Only), Hitag S 256 (256 bits Read Write incl. 32 bit UID) Hitag S 2048 (2048 bits Read Write incl. 32 bit UID) Information about Anticollision and Crypto algorithm information is available in the NXP datasheets.		
IC on request:	125 kHz: R/O EM4100, R/W EM4550, Hitag 1, 2,	ISO 11784 / 11785 BDE R/O,	13,56 MHz I-CODE SLI SL2
Physical:	Diameter:	20,0 mm	± 0,3 mm
	Thickness:	2,15 mm	± 0,2 mm
	Weight:	2,0 g	± 0,5 g
	Material:	Polycarbonate	Colour: Dark Blue
Electrical:	Operating Frequency:	125 kHz	± 6 kHz (At room temperature 20°C)
Thermal:	Operating Temperature:	-25°C to +70°C	Storage Temp. -25°C to +90°C
Chemical:	Water Immersion IP67 (20°C, 24 h, 1 m), Aqueous solution of salts, Mineral and vegetable oil, Petroleum, Unleaded gasoline		
Mechanical:	Axial compression: 500 N Vibration: IEC 68 2.6 10g, 10...2000 Hz, 3 axis 2,5 h (At room temperature 20°C) Radial compression: 300 N Shock: IEC 68 2.29 40g, 18 ms, 6 axis, 2000 times (At room temperature 20°C)		
Programming:	With TECTUS Programmer Kit TPK-12 Hitag S256 / S2048 could be programmed to 64 bits EM410x R/O		
Reading Range:	Depending on the reader design and local installation conditions. With TECTUS TLP-10 CF Card Reader about 30 mm, with TPP-70 Handheld PDA up to 60 mm and with Stationary Reader TPF-71 up to 700 mm.		
Specials:	Customised printing and logos are available upon request.  ATEX Version is also available		
Other:	Produced under ISO9000: 2000 QS and  ATEX QS logistics controlled.		
Part numbers:	Hitag S2048, 125kHz TAF-13-AA	Hitag S256, 125kHz TAF-12-AA	Hitag S32, 125kHz: TAF-11-AA
	EM4100, 125kHz: TAF-00-AA	Hitag 1, 125 kHz: TAF-04-AA	Hitag 2, 125 kHz: TAF-05-AA
	5557, 125 kHz: TAF-02-AA	EM4550, 125 kHz: TAF-03-AA	ISO15693, 13,56MHz: TAF-15-AA