

# LF RFID Tag (TI Glass Cylindrical Tag)



## Description :

Texas Instruments' glass transponders are providing superior performance and operate at a resonance frequency of 134.2 kHz. Specific products are compliant to ISO/IEC 11784/11785 global open standards. Texas Instruments LF transponders are manufactured with TI's patented tuning process to provide consistent read and write performance. Prior to delivery, the transponders undergo complete functional and parametric testing, in order to provide the high quality customers have come to expect from TI. The transponder is well suited for usage in a broad range of applications including, but not limited to, access control, vehicle identification, container tracking, asset management and waste management applications.



## Specifications :

- Standard : ISO 11784/11785
- Frequency : 134.2 kHz
- Transmission Principle : FSK, HDX
- Anticollision : No
- Protection Class : Hermetically sealed

## Applications :

- Access Control
- Vehicle Identification
- Container Tracking
- Asset Management
- Waste Management

TI Part Number	RI-TRP-REHP	RI-TRP-WEHP	RI-TRP-RR3P	RI-TRP-WR3P
Functionality	Read Only	Read / Write	Read Only	Read / Write
Memory (Bits)	64	80	64	80
Read Time (ms)	70	70	70	70
Write Time (ms)	-	309	-	309
Operating Temperature Range	-25°C to 70°C	-25°C to 70°C	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Dimensions	3.85 x 23.1 mm			
Weight	0.6 g			

TI Part Number	RI-TRP-DR2B	RI-TRP-IR2B	RI-TRP-WR2B	RI-TRP-RE2B	RI-TRP-WE2B
Functionality	MPT	SAMPT	Read / Write	Read Only	Read / Write
Memory (bits)	1360	1360	80	64	80
Read Time (ms)	86	86	70	70	70
Write Time (ms)	293	341	309	-	309
Operating Temperature Range	-25°C to 85°C			-25°C to 70°C	
Storage Temperature	-40°C to 100°C, Max 125°C for total 1000 hours			-40°C to 85°C	
Dimensions	3.85 x 32.2 mm		3.85 x 31.2 mm		
Weight	0.8 g				