

**Description :**

Texas Instruments' 12 mm wedge LF 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.



**Applications :**

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

TI Part Number	RI-TRP-R9BK	RI-TRP-W9WK
Standard	ISO 11784/11785	
Frequency	134.2 kHz	
Transmission Principle	FSK, HDX	
Functionality	Read Only	Read / Write
Memory (Bits)	64	80
Anticollision	No	
Dimensions (mm)	12 x 6 x 3	
Read Time (ms)	70	
Write Time (ms)	-	309
Operating Temperature Range (°C)	-25 to 70	-40 to 70
Storage Temperature (°C)	-40 to 100, Max 125 for total 1000 hours, Max 175 for total 5 minutes	
Protection Class	IP68	
Weight (g)	0.4	