



NOVA

Flexible Transponder Solution for Automotive Applications

The NOVA is an ASK Read/Write RF-Transponder. It is able to emulate different kind of automotive transponders, so its main feature is that it can be used as standard, replacement or spare transponder. The size of user memory can be selected between 64 bits or 128 bits contained in EEPROM, different chips of customer's convenience can be implemented.

NOVA type transponder is available in a very small size rugged glass rod package or in plastic brick package.

This device assembly (molded leadframe) is based on the latest SMARTRAC AUTOMOTIVE package technology and machines.

Overview

Size / Package

Epoxy Brick:
6.1 × 12.1 × 3.1 mm
Glass: 3.15 × 14.1 mm

Type

Read / Write

Password

Yes

Transponder Frequency

130 kHz ± 3 kHz

Total Memory

160 bit

Bit Rate

CF/32, CF/40, CF/64

Transponder Coding Type

Manchester / Biphase

Operating Temperature

-40°C to +85°C

Applications

► Automotive

NOVA

Flexible Transponder Solution for Automotive Applications

| Dimensions | Frequency | Material | Type | Memory |
|---------------------|-----------------|-------------|--------------|---------|
| 3.15 × 13.1 mm | 130 kHz ± 3 kHz | Glass | Read / Write | 160 bit |
| 6.1 × 12.1 × 3.1 mm | 130 kHz ± 3 kHz | Epoxy Brick | Read / Write | 160 bit |

Other chip types are available upon request.

Contact: Automotive

SMARTRAC TECHNOLOGY Wehrath GmbH · Gewerbeparkstr. 10 · 51580 Reichshof-Wehrath · Germany
Phone +49 2265 9919 0 · Fax +49 2265 9919 11 · automotive@smartrac-group.com

Contact: Sales & Customer Service | SMARTRAC N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands
www.smartrac-group.com/contact | Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155

© 2018 SMARTRAC N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. info@smartrac-group.com