

Overview

1-Wire iButton is a rugged data carrier that serves as an electronic registration number for automatic identification. Data is transferred serially through 1-Wire® protocol, which requires only a single data lead and a ground return. Every 1-Wire iButton is factory lasered with a guaranteed unique 64-bit registration number that allows for absolute traceability. The durable stainless-steel design package is highly resistant to environmental hazards such as dirt, moisture and shock. Its Compact coin-shaped profile is self-aligning with mating receptacles, allowing the iButton to be used easily by human operators.



Features

- Driver Authorization
- Immobilizer
- Auto Geofencing
- Can be read in less than one second
- Operating range: 2.8V to 6.0V, -40°C to +85°C
- Unique factory-lasered 64-bit registration number ensures error free device selection and absolute traceability because no two parts are alike
- Economically communicates to bus master with a single digit signal at 16.3kbps
- Button shape is self-aligning with cut-shaped probes



*Manufactured Using
Authentic Components
From USA*

Absolute Maximum Rating

IO Voltage Range to GND	-0.5V to +6.0V
Junction Temperature	125°C
IO Sink Current	20mA
Storage Temperature Range	-55°C to +125°C

