CST ELECTRONICS (PTY) LTD

MAXIM
INNOVATION DELIVERED

iButton Catalogue

ROCK SOLID SECURITY

	DS1990C	DS1992L	DS1996L	DS1973	DS1977	DS1904	DS1963S
Unique 64 Bit ID	•	•	•	•	•	•	•
NV RAM		1KB	64KB				
EEPROM				4KB	32KB		
RTC						•	
Monetary							4KB NV RAM
Challenge Response Algorithm							SHA-1

There are many more items available. The above table represents the most popular.

Common iButton Features

- Unique factory-lasered 64-bit registration number ensures error-free device selection and absolute traceability because no two parts are alike.
- Durable stainless-steel case engraved with registration number withstands harsh environments.
- Designed to last for 10 or more years.
- Built-in multidrop controller for 1-wire net.
- Digital identification by momentary contact.
- Data can be accessed while affixed to object.
- Economically communicates to bus master with a single digital signal at 16.3kbps or in overdrive at 142kbps. *(DS1977 15.3kbs at standard speed or up to 125kbps in overdrive mode.)*
- Button shape is self-aligning with cup-shaped probes.
- Easily affixed with self-stick adhesive backing, latched by its flange, or locked with a ring pressed onto its rim.
- Standard 16mm diameter case and 1-wire protocol ensures compatibility with iButton device family.

Touch Probes

DS9092+	ML9092	ML9092TSx
Chrome Plated ML9092-CZ-0	Chrome Plated & LED ML9092-CZ-2	Metal Casing & LED ML9092-CZ-2-S

Touch & Hold Probes

ML9092THX

ML9092T+H

Magnetic Probe
LM94-J-03

Magnetic FOB
LM99- L- 01/05

Cable & Probe (Connects to USB or Serial Converter)

Blue Dot Receptor to RJ11
DS1402D-DR8+

Probe Touch & Hold to RJ11
DS1402RP8

Adapters

iButton Holder
DS9094F

Serial to 1-wire converter
DS9097U-009

USB to 1-wire Converter
DS9490R#

iButton & Accessories

Accessories

LM9093
(specify colour)

LM9093CH-0 (red/frost/
yellowl/blue/green/black)

Wall Mounting Accessories

DS9093S

LM9093RWM (specify
black/grey/white)

iButton®
from
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