

# DS9092L iButton Probe with LED

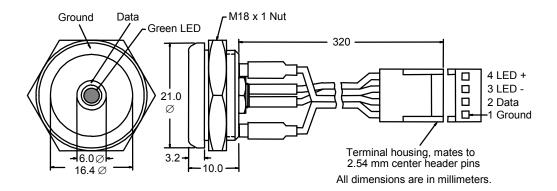
#### www.maxim-ic.com

### **FEATURES**

- Solid metal read/write panel-mount probe for the <u>iButton</u><sup>®</sup> family
- Integrated green LED for user-feedback signaling
- Probe guides the entry of the iButton
- iButton slides over the surface to self-clean contacts
- Accessible shallow probe cavity simplifies removal of debris such as mud
- Probe suited for panels of up to 3mm thickness
- Contacts made from solid 303 stainless steel with blue nylon insulation
- Metric design, pre-wired for easy installation

#### ORDERING INFORMATION

DS9092L+ Panel-Mount probe with LED +Denotes a lead(Pb)-free/RoHS-compliant product.



#### **DESCRIPTION**

The DS9092L <u>i</u>Button Probe with LED provides the electrical contact necessary for the transfer of data to and from the DS19xx family of <u>i</u>Buttons. The round probe shape provides a self-aligning interface that readily matches the circular rim of the <u>i</u>Button's MicroCan package. The solid metal contacts resist wear and are easy to keep clean.

The DS9092L has no moving parts, making it a rugged interface for harsh environments. The round center contact of the DS9092L houses the LED that is rated for maximum 20 mA DC at 2.7V typically.

The probe comes with a brass  $M18 \times 1$  nut for panel mounting. Since the body of the probe also forms the ground contact, the panel should be of non-conducting material to avoid ground loops. The 30-cm cable with connector is provided for easy connection to the system microcontroller. The mating connector is a Molex Part Number 22-04-1041.

iButton is a registered trademark of Maxim Integrated Products, Inc.

## **REVISION HISTORY**

REVISION DATE	DESCRIPTION	PAGES CHANGED
8/09	Added a plus sign (+) to part number in the Ordering Information table.	1