



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DS1402X 1-Wire Network Cables

FEATURES

- Coiled cables to connect *iButtons*® to 1-Wire® networks
- Convenient, off-the-shelf connectivity
- Blue Dot Dual Receptors for momentary (F3/F5 MicroCan) or dwelled contact (F5 MicroCan only) with adhesive pad to mount on objects (DS1402D-DB8+, DS1402D-DR8+, each 2.4m max.)
- Touch-and-Hold Probes DS1402-BP8+, DS1402-RP3+ and DS1402-RP8+ for momentary touch (F3/F5 MicroCan) or dwelled contact (F5 MicroCan only) in 2.4m length max.
- *iButton* cable (DS1402-BR8) to connect DS1401 *iButton* Holder to USB or serial port 1-Wire adapters.
- Can be used with any Dallas Semiconductor port adapter

ORDERING INFORMATION

DS1402D-DB8+	2.4m (8ft) cable
DS1402D-DR8+	2.4m (8ft) cable
DS1402-BP8+	2.4m (8ft) cable
DS1402-RP3+	0.9m (3ft) cable
DS1402-RP8+	2.4m (8ft) cable
DS1402-BR8+	2.4m (8ft) cable

+ Denotes a lead(Pb)-free/RoHS-compliant product.

DESCRIPTION

Using four basic types of connectors, 1-Wire RJ-11, *iButton*, Touch-and-Hold Probe, and Blue Dot Receptor, the DS1402 series of 1-Wire network cables provides connectivity for *iButtons*. The cables are designed to connect any USB, serial, or parallel port 1-Wire adapter to any *iButton*. Both, the *iButton* probe cables and the Blue Dot receptor cables can touch any *iButton*, but can only hold the F5 version *iButtons*. The DS1402-BR8+ is the only cable that connects to the DS1401 *iButton* Holder. Applications of the DS1402-series 1-Wire network cables range from software protection and access control to asset management and thermal monitoring through handheld computers.

Connectivity Matrix

Cable Part Number	Connects From	To
DS1402D-DB8+ Blue Dot Receptor Cable	DS1410E, DS1411, DS1413, any version or DS1401	any <i>iButton</i>
DS1402D-DR8+ Blue Dot Receptor Cable	DS9490R, DS9097U (any version), DS9097, DS9097E	any <i>iButton</i>
DS1402-BP8+ <i>iButton</i> Probe Cable	DS1410E, DS1411, DS1413, any version or DS1401	any <i>iButton</i>
DS1402-RP3+, DS1402-RP8+ <i>iButton</i> Probe Cable	DS9490R, DS9097U (any version), DS9097, DS9097E	any <i>iButton</i>
DS1402-BR8+	DS9490R, DS9097U (any version), DS9097, DS9097E	DS1401 Front Panel <i>iButton</i> Holder

iButton and 1-Wire are registered trademarks of Maxim Integrated Products, Inc.

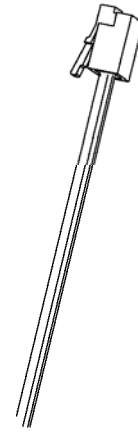
For pricing, delivery, and ordering information, please contact Maxim Direct at 1-888-629-4642, or visit Maxim's website at www.maximintegrated.com.

Blue Dot Receptor Cables



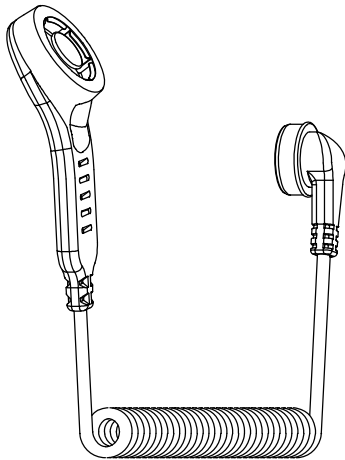
DS1402D-DB8+

DS1402D-DR8+

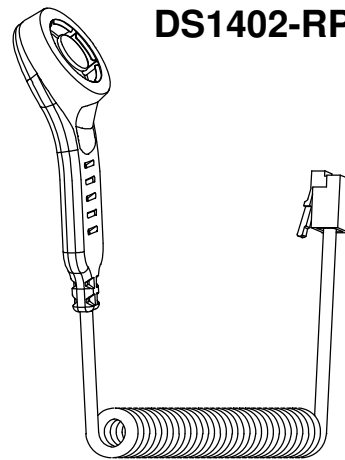


iButton Probe Cables

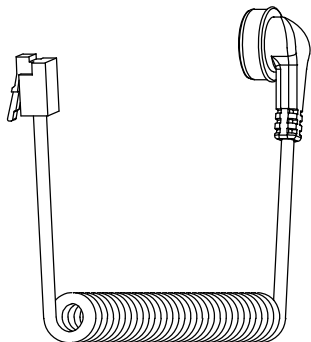
DS1402-BP8+



**DS1402-RP8+
DS1402-RP3+**



iButton Holder Cable DS1402-BR8+



REVISION HISTORY

REVISION DATE	DESCRIPTION	PAGES CHANGED
61809	Conversion to lead free. Added the DS1402-RP3+ to the datasheet.	1, 2



Maxim cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in a Maxim product. No circuit patent licenses are implied. Maxim reserves the right to change the circuitry and specifications without notice at any time. The parametric values (min and max limits) shown in the Electrical Characteristics table are guaranteed. Other parametric values quoted in this data sheet are provided for guidance.

Maxim Integrated 160 Rio Robles, San Jose, CA 95134 USA 1-408-601-1000

3