19-4879; Rev 8/09

DS9105
iButton Number Set

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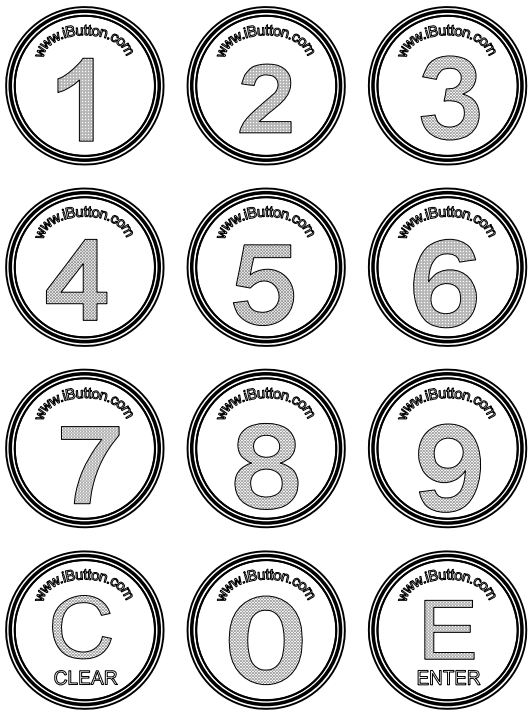
FEATURES

- DS1982-based iButtons branded with their respective character for optimum legibility
- 128 bytes of user-programmable EPROM in each iButton for maximum flexibility
- Available as set of 12 (as shown in the graphic) or as individual iButtons

EXAMPLES OF ACCESSORIES

DS9096P	Self-Stick Adhesive Pad
DS9092GT	iButton Wand
DS9097U	COM-Port Adapter
DS9106	iButton Halos
DS9093RA	iButton Lock Ring
DS9093RB	iButton Flange Enlargement



ORDERING INFORMATION

PART	TYPE
DS9105-SET#	COMPLETE SET OF 12
DS9105-000#	NUMBER ZERO
DS9105-001#	NUMBER ONE
DS9105-002#	NUMBER TWO
DS9105-003#	NUMBER THREE
DS9105-004#	NUMBER FOUR
DS9105-005#	NUMBER FIVE
DS9105-006#	NUMBER SIX
DS9105-007#	NUMBER SEVEN
DS9105-008#	NUMBER EIGHT
DS9105-009#	NUMBER NINE
DS9105-00C#	CLEAR
DS9105-00E#	ENTER

#Denotes a RoHS-compliant device that may include lead(Pb) that is exempt under the RoHS requirements.

DESCRIPTION

Unlike conventional keypads, where data is entered by pressing a mechanical key, the solid buttons of an iButton keypad allow users to enter data by simply touching each button with an iButton probe or handheld computer. Each of these buttons comes from the factory with blank memory, allowing the user to program each button with whatever data the user would like entered when touched. The iButton keypad is a simple, robust alternative for data entry in harsh environments such as outdoors, industrial workplaces and other locations, where a normal keypad is impractical to operate. Since iButtons are made from stainless steel, this keypad is easily cleaned with hot water and detergent.

The individual iButtons that comprise the keypad can be arranged as desired to maximize ease of use. They can be stuck on a smooth surface using adhesive pads or mounted through 16.5mm holes in a rigid material and fastened by lock rings. The material thickness should not exceed 3.0mm. For a detailed description of the communication protocol and the electrical characteristics of the iButton used in this keypad, refer to the DS1982 data sheet.

REVISION HISTORY

REVISION DATE	DESCRIPTION	PAGES CHANGED
8/09	Added RoHS-compliance indicators to the *Ordering Information* table.	1

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