

Revision History

REVISION NUMBER	REVISION DATE	DESCRIPTION	PAGES CHANGED
0	8/04	Initial release	—
1	12/07	Changed bullet from “Hydrophobic Filter Protects Sensor Against Dust, Dirt, Water, and Contaminants” to “Hydrophobic Filter Protects Sensor Against Dust, Dirt, Contaminants, and Water Droplets/Condensation”; deleted “Application Pending” from UL bullet and safety statement; added text to the Application section: Note that the initial sealing level of DS1923 achieves IP56. Aging and use conditions can degrade the integrity of the seal over time, so for applications with significant exposure to liquids, sprays, or other similar environments, it is recommended to place the Hygrochron under a shield to protect it. (See www.maximintegrated.com/AN4126). The hydrophobic filter may not protect the DS1923 from destruction in the event of full submersion in liquid	1, 4, 10
2	4/09	Created newer template-style data sheet	All
3	10/09	Deleted the standard part number from the <i>Ordering Information</i> table	1
4	4/11	Updated UL certificate reference; added “Guaranteed by design” note to <i>Electrical Characteristics</i> table; deleted ϵ from the t_{W1L} specification in the <i>Electrical Characteristics</i> table; applied note 13 to the t_{W0L} specification in the <i>Electrical Characteristics</i> table; changed RTC accuracy specification in the <i>Electrical Characteristics</i> table from numbers to graph; added more details to <i>Electrical Characteristics</i> table notes 4, 13, and 14; revised the last sentence of the <i>Parasite Power</i> section for more clarity; added paragraph on validation certificates to <i>Detailed Description</i> section; added more details on the Device Samples Counter in the <i>Other Indicators</i> section	1–5, 11, 24
5	3/13	Corrected a typo of “12” to “192” in the 16-bit decimal column of Table 3	19
6	6/13	Removed the UL 913 5th Ed. compliance statement from the <i>Common iButton Can Features</i> section and <i>iButton Can Physical Specification</i> table; reworded the <i>Electrical Characteristics</i> table Note 19	1, 4, 5
7	11/13	Added the Busy state during Copy Scratchpad to the <i>Command-Specific 1-Wire Communication Protocol—Legend</i> and <i>1-Wire Communication Examples</i> sections	45, 46
8	3/15	Updated <i>Benefits and Features</i> and <i>Common iButton Can Features</i> sections	1, 55

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