

CERTIFICATE OF CALIBRATION

PRECISION METROLOGY

7350 North Teutonia Avenue Milwaukee, WI 53209
(414) 351-7420 * FAX: (414) 351-7429



IBL30AUG06:280054C8000000B1

Certification Number



MANUFACTURER: Dallas Semiconductor
MODEL NO.: DS18B20
SERIAL NO.: 280054C8000000B1
PROCEDURE NAME: PMC0423
CALIBRATED BY: Kevin O'Neill

TEST RESULT: PASS
PERFORMED: 30-Aug-06
DATA TYPE: FOUND/LEFT
TEMPERATURE: 71
HUMIDITY: 42

This is to certify that the above instrument was calibrated with standards that are traceable to the National Institute of Standards and Technology (NIST). The results indicated on this certificate relate only to the items calibrated. Precision Metrology is registered to ISO 9001:2000 and accredited to ISO/IEC 17025 & ANSI/NCCL Z540-1. This certificate and attachments may not be reproduced, except in full, without written approval of Precision Metrology. The last page of this certificate is noted as "Last Page".

Standards Used

ED0545
ED0546
ED0547
ED0623

Test Results

<u>Nominal</u>	<u>Units</u>	<u>Test Result</u>	<u>Lower limit</u>	<u>Upper limit</u>
-18.7714	degrees C	-19.03	-19.2714	-18.2714
20.89002	degrees C	20.47	20.39002	21.39002
59.7865	degrees C	59.68	59.2865	60.2865

Measurement Uncertainty

Actual expanded measurement uncertainties (k=-2, 95% confidence level) are available upon request.

Notes

This certificate is the result of collaboration between **iButtonLink LLC** and Precision Metrology. Recertification or calibration of this device is available exclusively from :

iButtonLink LLC
N8921 Stone School Rd.
East Troy, WI 53120
Phone: (262) 662-4029
Fax: (262) 662-1098
<http://www.iButtonLink.com>