

# CERTIFICATE OF CALIBRATION PRECISION METROLOGY

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IBL27FEB07:21A5F117000000B0

Certification Number



MANUFACTURER: Dallas Semiconductor  
MODEL NO.: DS1921G  
SERIAL NO.: 21A5F117000000B0  
PROCEDURE NAME: PMC0423  
CALIBRATED BY: Kevin O'Neill

TEST RESULT: PASS  
PERFORMED: 27-Feb-07  
DATA TYPE: FOUND/LEFT  
TEMPERATURE: 73  
HUMIDITY: 36

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/NCSL 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>
-14.898	degrees C	-15.00	-15.90	-13.90
-0.179	degrees C	-0.50	-1.18	0.82
14.859	degrees C	14.50	13.86	15.86
29.626	degrees C	29.50	28.63	30.63
44.566	degrees C	44.50	43.57	45.57
59.498	degrees C	59.00	58.50	60.50

### 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**  
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