ow_read_temp

WMPRO >= 1.0 WMMEGA FW >= 2.0

Read a temperature from a device on the OneWire bus

Description

float ow_read_temp ([array $device_id])

Parameter

$device_id: An **array** of 8 elements containing the unique OneWire address (optional). If not specified the function will send a wildcard to read the first device that responds, which will work if only one temperature sensor is present.

Return Values

A **float** value containing the temperature in degrees Celsius

Examples

```
<?

  $res=ow_read_temp();
  print("Temperature for the first sensor is ".$res);

  $dev=array(0xA0,0x00,0x00,0x04,0x80,0x57,0x77,0x35);
  $res=ow_read_temp($dev);
  print("Temperature for the specified device is ".$res);

?>
```

See Also

ow_first() - Initiate a OneWire bus scan and return the address of the first device found

ow_next() - Return the address of the next OneWire device found (after an ow_first)

ow_read() - Read a byte from the OneWire bus

ow_reset() - Reset the OneWire bus

ow_write() - Write a byte to the OneWire bus

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