

ow_next

WMPRO >= 1.0 WMMEGA FW >= 2.0

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

Description

mixed ow_next ()

This function continues a OneWire bus scan and provides the address of the next device found. Currently only DS18B20 temperature sensors are detectable.

Parameters

None

Return Values

An **array** of 8 elements containing the unique OneWire address. Returns **int** 0 if no more devices were detected.

Example

```
<?
$arr=ow_first();
if ($arr) { // first device was detected, let's get the second device now
    $arr=ow_next();
    if ($arr) {
$devname=sprintf("%02X%02X%02X%02X%02X%02X%02X%02X", $arr[0], $arr[1], $arr[2],
$arr[3], $arr[4], $arr[5], $arr[6], $arr[7]);
        print("Detected a second OneWire device ".$devname);
    }
} else {
    print("No devices detected.");
}
?>
```

See Also

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

[ow_read\(\)](#) - Read a byte from the OneWire bus

[ow_read_temp\(\)](#) - Read a temperature from a device on the OneWire bus

[ow_reset\(\)](#) - Reset the OneWire bus

[ow_write\(\)](#) - Write a byte to the OneWire bus

[sprintf\(\)](#) - Return a formatted **string**

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