

Analogs

Functions

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| int | analog | (int port) |
| int | analog8 | (int port) |
| int | analog10 | (int port) |
| int | analog_et | (int port) |
| void | set_analog_pullup | (int port, int pullup) |
| int | get_analog_pullup | (int port) |

Detailed Description

Function Documentation

int analog (int port)

Gets the 12-bit analog value of a port.

Parameters

[in] **port** A value between 0 and 5 specifying the sensor to read from.

Returns

The latest 12-bit value of the port (a value in the range 0 to 4095).

See also

analog12

int analog10 (int port)

Gets the 10-bit analog value of a port.

Parameters

[in] **port** A value between 0 and 5 specifying the sensor to read from.

Returns

The latest 10-bit value of the port (a value in the range 0 to 1023).

See also

analog

int analog8 (int port)

Gets the 8-bit analog value of a port.

Parameters

[in] **port** A value between 0 and 5 specifying the sensor to read from.

Returns

The latest 8-bit value of the port (a value in the range 0 to 255).

See also

analog

int analog_et (int port)

Gets the 10-bit analog value of an ET sensor on the given port.

Parameters

[in] **port** A value between 0 and 7 specifying the ET sensor to read from.

Returns

The latest 10-bit value of the port (a value in the range 0 to 1023).

See also

analog

Deprecated:

defaulting to **analog()** on the Wallaby

int get_analog_pullup (int port)

Gets the analog pullup status for one port.

Parameters

[in] **port** A value between 0 and 7 specifying the analog sensor to read from.

Returns

The status of the analog pullup on the specified port

See also

analog

Deprecated:

no effect on the Wallaby

```
void set_analog_pullup ( int port,  
                        int pullup  
                        )
```

Sets analog pullup status for one port.

Parameters

[in] **port** A value between 0 and 5 specifying the analog sensor to read from.

[in] **pullup** A value of 0 (inactive) or 1 (active).

See also

analog

Deprecated:

no effect on the Wallaby