

## TOP16-II Serial Command Set

### Serial Port Settings

Baudrate: 115200  
Parity: None  
8 Bits  
1 Stop Bit

\* All commands are terminated with a single Carriage Return characer (/r) or (CR) (ascii 13)

### COMMANDS:

#### #zX

Read analog voltage (millVolts)  
X = input channel (0 to 7)

Returns floating point value in mV  
XXXX.XX[CR][LF]

#### #yX

Set gain

X is the gain

|                  |   |
|------------------|---|
| 6.144 volt range | 0 |
| 4.096 volt range | 1 |
| 2.048 volt range | 2 |
| 1.024 volt range | 3 |
| 0.512 volt range | 4 |
| 0.256 volt range | 5 |

#### #xX

ReadDigital Input X

X = 0 to 7

Returns:

>1  
or  
>0

#### #pXNN

Set PWM value  
X is the output, NN is the PWM setting

Valid outputs are:

**#OOMEM**

Set digital outputs

OO = output states (hex value)

MM = mask (hex value)

Returns (>OK[CR][LF])

END.