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EC450 hw2

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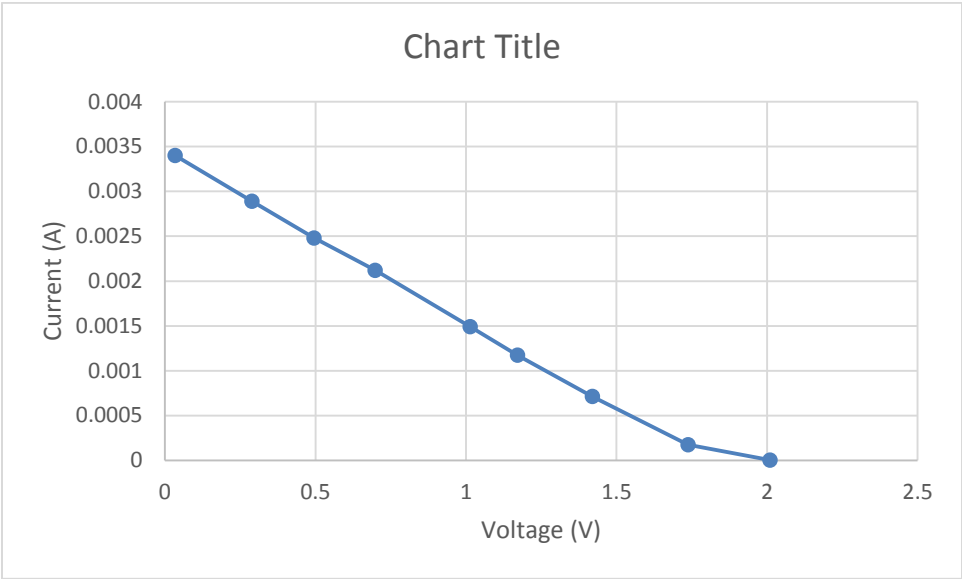
Active High

Chart Title
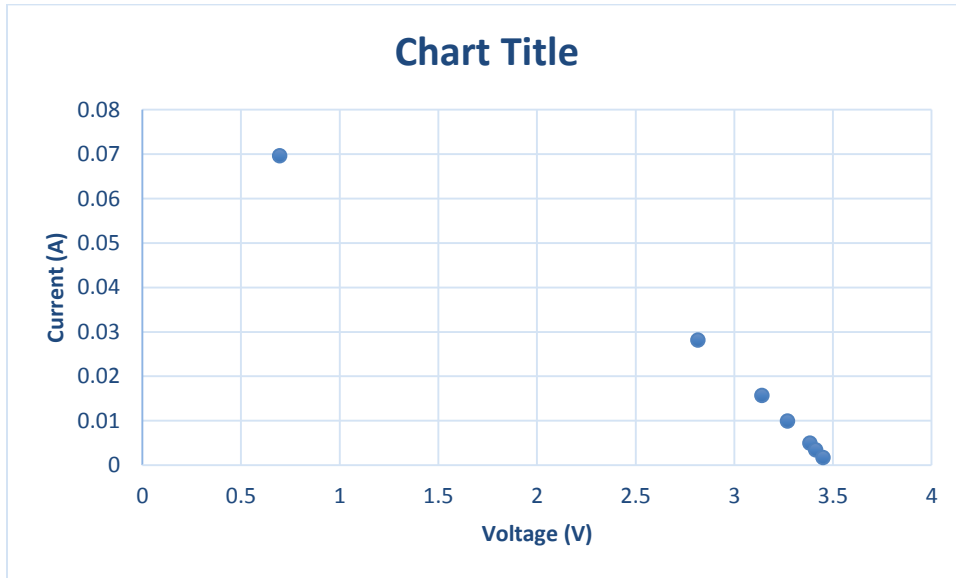
Data:

R (ohm)	V (V)	I(A)
10	0.696	0.0696
100	2.817	0.02817
200	3.141	0.015705
330	3.27	0.009909
680	3.384	0.004976
1000	3.413	0.003413
2000	3.451	0.001726
10000	3.479	0.000348
1000000	3.486	3.49E-06

Active Low

Chart Title

Data:

R (ohm)	V (V)	I(A)
10	0.034	0.0034
100	0.289	0.00289
200	0.496	0.00248
330	0.699	0.002118
680	1.014	0.001491
1000	1.172	0.001172
2000	1.421	0.000711
10000	1.738	0.000174
1000000	2.011	2.01E-06

Code:

```c
#include <msp430.h>

int main(void) {

    WDTCTL = WDTPW | WDTHOLD;        // Stop watchdog timer


    P1DIR |= 0x01;   //active high

    P1OUT |= 0x01;


    //P1DIR |= 0x00;    //active low

    //P1OUT |= 0x00;

        return 0;

}
```