EVB Pin

1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41 ⟷ 60	

Port Bit / Bit Addresses & Labels

#	Port Bit	Bit Addresses & Labels
1.		
2.		
3.		
4.		
5.	P1.7	potentiometer
6.		
7.	3.3V	3.3 Volts
8.		
9.		
10.	P1.2	Motor
11.	P1.3	LED
12.	P1.0	Steering
13.		
14.	P0.6	SDA
15.	P0.7	SCL
16.		
17.		
18.		
19.		
20.	P0.0	TX0
21.	P0.1	RX0
22.		
23.		
24.		
25.		
26.		
27.		
28.		
29.		
30.		
31.	P3.6	SS1
32.	P3.7	SS2
33.		
34.	P3.5	BILED red
35.		
36.	P3.3	BILED green
37.		
38.		
39.		
40.		

Software Initializations

A) Port I/0
```
P1MDOUT |= 0x0C
P1MDOUT &= ~0x80
P3MDOUT &= 0x80
P3MDOUT |= 0x28
P3 |= 0x80
P1MDIN &= ~0x80
P1 |= 0x80
```

B) Timers

C) Interrupts
```
EIE1 |= 0x08
EA = 1
```

D) A/D
```
REF0CN = 0x03
ACD1CF |= 0x01
ACD1CN =0x80
```

E) PCA
```
PCA0CN = 0x40
PCA0CR = 0x81
PCA0CPM0 = 0xC2
PCA0CPM2 = 0xC2
```

F) XBAR
```
XBR0 = 0x27
```

G) I2C
```
SMB0CR = 0x93
ENSMB = 1
```