

EECE456 Embedded Systems Design Lab

Dr. Charles Kim

Galileo Gen 2 Pin Configuration (Note - each pin can be used for multiple functions)

IO #	On Board #	Function 1	Function 2	Function 3
0	D0	GPIO	UART0 RX	
1	D1	GPIO	UART0 TX	
2	D2	GPIO	UART1 RX	
3	D3	GPIO	UART1 TX	PWM
4	D4	GPIO		
5	D5	GPIO		PWM
6	D6	GPIO		PWM
7	D7	GPIO		
8	D8	GPIO		
9	D9	GPIO		PWM
10	D10	GPIO		PWM
11	D11	GPIO	SPI MOSI	PWM
12	D12	GPIO	SPI MISO	
13	D13	GPIO	SPI SCK	
14	A0	GPIO	ADC A0	
15	A1	GPIO	ADC A1	
16	A2	GPIO	ADC A2	
17	A3	GPIO	ADC A3	
18	A4	GPIO	ADC A4	I2C SDA
19	A5	GPIO	ADC A5	I2C SCL

* In Mini-Servo application, since Servo is controlled by PWM (Pulse Width Modulation), the output pin of Galileo to the Servo is restricted to those with PWM functions.