Tapeout		
	Testing	**Validation**
I2C	Sensor Module. Pins: • Vdd (3.3 V/5 V) • GND • SCL • SDA	Read from real device. C code to validate. Oscilloscope/logic analyzer.
UART	Sensor Module. Not USB. Pins: • Vdd (3.3 V/5 V) • GND • TX • RX	Read from real device. C code to validate. Oscilloscope/logic analyzer.
ADC		
MATH	Add Subtract Multiply Divide Sin	
DOUBLE PENDULUM	Hard-coded numbers.	C code to validate.
PRNG	Hard-coded numbers.	C code to validate.