Legend

FSM Based
Interrupt Based
Application
External IC

Procured ICs

- ADS1299
- Battery Monitor IC

STM32

- SPI Driver
- I2C Driver
- USB Driver

- DSP sEMG Signal → Classify sEMG w/ ML Inference → Write classification to SPI/USB Buffer
- Read ADS1299 SPI Buffer
- Read Battery Level I2C Buffer

PC

- Simulator Middleman Script → Open Source Unity Hand Detection 3D

DWG NO		DWG NAME	
G-603		Software Diagram	
REV	1	DRAWN Blake Pearson	SHEET 1 OF 1