**General Purpose**

Ignition Cut - PB03 - Pin 48

GPIO with timer funcs – PB02 - Pin 47 - TC2/WO[0]

Other GPIO 1 – PA00-PA03 – Pins 1-4

Other GPIO 2 – PA04-PA07 – Pins 9-12

**Programming**

SWDIO – PA31 – Pin 46

SWCLK – PA30 – Pin 45

**CAN Bus**

CANRX – PA25 – Pin 34 – CAN0/RX

CANTX – PA24 – Pin 33 – CAN0/TX

**AK7401 magnetic encoder**

CS – PA23 – Pin 32

SCLK – PA22 – Pin 31

SIN/SOUT – PA21 – Pin 30

**RPM Sensors**

RPM1 – PB08 – Pin 7 - TC0/WO[0]

RPM2 – PA20 – Pin 29 - TC3/WO[0]

RPM3 – PA14 – Pin 23 - TC4/WO[0]

**Motor Controller**

A-High – PA08 – Pin 13

A-Low – PA09 – Pin 14 - TCC0/WO[1]

B-High – PA10 – Pin 15

B-Low – PA11 – Pin 16 - TCC0/ WO[3]

C-High – PB10 – Pin 19

C-Low – PB11 – Pin20 - TCC0/ WO[5]