

SoFar:

- + Mounting holes for reliability in harsh vibration environment
- + optimised coastline of connectors
- + Regulator option for typical automotive power source
- + Jumper option for convenient analogue monitoring of battery power
- + Variable Reluctance daughter board for direct pulse coil trigger
- + Digital Hall sensors 5V/12V
- + Pulse shaper / conditioner for pick-up from coil primary, secondary, points
- + Onboard LED shows pulse shaper activity for easier setup & diagnostics
- + Strobe output for off-board MOSFET + LED COB strobe light
- + 1-Wire for multiple digital temperature sensors & thermocouples
- + I2C free for UI etc.
- + microSD card for logging – can share SPI with other device
- + Level shifters for bi-directional I2C, 1-Wire, RX & SPI at 3.3V & 5V
- + PWM for Servo operated throttle – auto running in?
- + PWM for Servo operated EddyBrake Dyno.
- + Addressable LED array output for tach/Ui
- + 2 GPIOs available for RS485, radio, footswitch (start recording / time stamp log)

*NPN are general purpose:
BC547 / BC847 etc.

Shield for Arduino that uses
the same pin disposition
like "Uno" board Rev 3.

FID1
Fiducial
FID2
Fiducial
FID3
Fiducial

