

KiwiEFI K44 Specifications

- 48-pin connector and splash proof case
- 4 injector channels with internal diagnostic LEDs
- 4 Ignition outputs with internal diagnostic LEDs
- CLT, IAT, TPS and O2 inputs
- Inbuilt Hall Effect Sensor blocking diodes and pullups for crank and Cam inputs
- Socket for VR conditioner module (crank and cam input conditioning)
- Inbuilt Baro sensor
- External MAP sensor and internal Map sensor option.
- Socket for DRV8825 stepper module (stepper idle valve control)
- 8 medium-current spare outputs for Fuel pump relay, Fan relay, Boost control, VVT1, VVT2, Idle1, Idle2, Tach + the 4 stepper module outputs.
- Clutch switch digital input.
- Flex fuel digital input.
- 2 spare unassigned digital inputs.
- 2 spare unassigned analog inputs.
- 1 spare unassigned connector pin for custom use.
- Speeduino v0.4 board compatible pin definition, select as board type V0.4 in Tuner Studio
- 2x Serial output, TTL level (Ser0) for Bluetooth on internal connector and RS232 level driver on Secondary Serial (Ser3) TXD and RXD on ecu connector for sending data to dashes etc.
- Uses the same case as the Speeduino Dropbear ECU and is mostly pin compatible with the Dropbear., (the only pinout differences are 1: IG5-IG8 pins are used for digital outputs, as there are only 4 ignition outputs, 2: INJ5-INJ8 pins are fed in parallel with INJ1-INJ4 for paired injectors on a 6/8 cyl, and 3: the CAN bus pins are used for Serial3 RS232 data)