



# HALTECH 350Z ECU

*The first ECU in the new Platinum series, a dedicated 350Z Engine Management System, Using the latest Motorola 56 MHz 32Bit Processor.*

### IGNITION OUTPUT DRIVERS

The 350Z ECU is fitted with six (6) intelligent current limited ignition output drivers. The ignition drivers can be used to drive both the factory and aftermarket ignition systems.

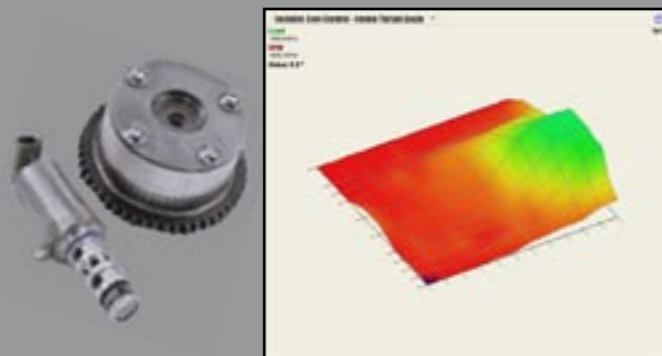


### PEAK AND HOLD INJECTOR DRIVERS

The 350Z ECU is equipped with 6 intelligent current controlled injector drivers. Each injector is individually monitored to give precise peak and hold current, allowing accurate controlling of injector operation down to 0.5 Ohm's.

### CONTINUOUS CAM CONTROL

The 350Z ECU allows the user to tune both the Intake and Exhaust camshafts. Up to four camshafts can be independently monitored and adjusted to the corresponding target tables. Camshaft timing can be adjusted to 0.1 deg increments, with both user definable axis channels and values, allowing the user precise camshaft control as a standard feature.



### CLOSED LOOP BOOST CONTROL

There is no need for a stand alone boost controller, the 350Z ECU has a built in closed loop unit as standard. The controller allows the user to set a 3D target boost tables and the ECU will do the rest. (Boost control solenoid required)



### USER DEFINABLE TUNING AXIS

All tuning tables have user definable axis. Axis can be selected from over 50 available channels, giving the user ultimate control. Once axis channels have been selected, individual tuning axis points can be set, with interpolated insert and delete functions available on the fly.

### ON-BOARD MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR

An on-board Manifold pressure sensor is fitted to the 350Z ECU. This sensor allows the user to tune via speed density and even to remove the factory Air Flow Meter. The 22 PSI rated MAP sensor can also be used as part of the boost controller, allowing closed loop operation.

### USB COMMUNICATIONS

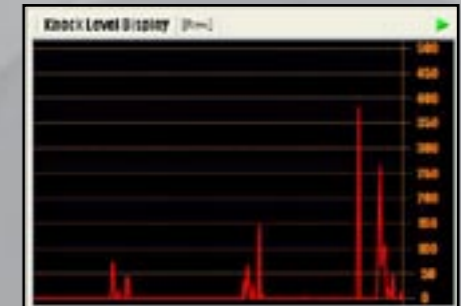
USB compatibility is a standard feature on the 350Z, making connection and tuning fast and easy.

### RETAINS FACTORY FEATURES SUCH AS CRUISE & TRACTION CONTROL SYSTEMS

Why take a step backwards when running aftermarket engine management. The Haltech 350Z ECU retains all the factory cruise and traction control systems.

### ENGINE KNOCK DETECTION

Advanced engine knock detection circuitry is and can be monitored for tuning safety. A knock threshold table is also available to the tuner, allowing knock detection to still be available to high horsepower engines.



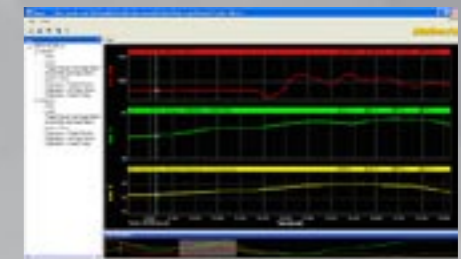
### DUAL BANK CLOSED LOOP O2 CONTROLLERS FOR BOTH NARROW & WIDE BAND SENSORS

The 350Z ECU has two closed loop o2 controllers, capable of working with both the early narrow band o2 sensors, as well as the late model wide band fitted vehicles. The closed loop control allows constant mixture monitoring as well as a 3D target table for the wideband equipped models.



### ON BOARD DATA LOGGING

Up to 10 channels can be logged to the ECU's internal non volatile memory. Data logging activation is user definable, with individual logging rates available per channel. The data logger can be configured for short drag races right through to long endurance races, with all logged data viewable in our data log interpreter software.



### COPY THROUGH FOR FUEL, IGNITION & CAM TIMING.

The Haltech 350Z is the first ECU available that allows the user the option of using the factory ECU's fuel, ignition and variable cam timing, while also having the ability to take full control of these outputs. The user can even select portions of a tuning table to leave to the factory ECU, and only tune area's that require attention. This gives the user the ultimate in ease and speed of tuning.

**PLUG-N-PLAY LOOM**

The 350Z ECU comes complete with a plug n play loom that allows tuning in minutes. No more having to worry about cutting or splicing wires, all the hard work has been done. There are also extra inputs and output plugs allowing further expansion of the 350Z ECU.



**32BIT MICROPROCESSOR, 56 MHZ**

Using the latest offerings from Motorola, the 350Z ECU has the resources to perform.



**WINDOWS TUNING SOFTWARE (XP & VISTA COMPATIBLE)**

Haltech's new ECU Manager Software gives allows the user to tune the engine with ease while still being able to monitor all engine parameters. The intuitive interface is not only functional, but can be fully customized, with all displays being user configurable. The ECU manager also has selectable themes to change the overall appearance of the software.



**PLATINUM  
PLUG-N-PLAY**

