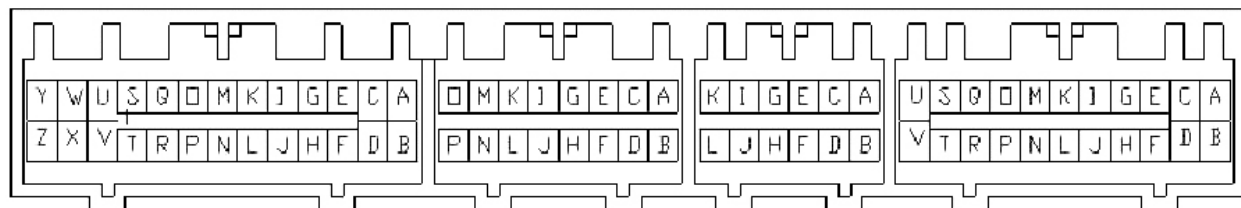




1996-1997 Mazda Miata

Revised October 2, 2005

ECU Pinout Diagram



Connector 4

Connector 3

Connector 2

Connector 1

Connector 1

Pin #	Name	Function	Signal Type
1M	Vehicle Speed Sensor	Vehicle speed sensor signal	Speed
1O	Power Ground	Chassis ground	Ground
1Q	Brake Switch	Brake switch signal	Analog

Connector 3

Pin #	Name	Function	Signal Type
3B	Mass Air Flow	Mass air flow sensor signal	Analog
3C	Primary O2 Sensor	Primary oxygen sensor signal	Analog
3D	Secondary O2 Sensor	Secondary oxygen sensor signal	Analog
3F	Throttle Position Sensor	Throttle position sensor signal	Analog
3G	Engine Coolant Temperature Sensor	Engine coolant temperature sensor signal	Analog
3K	Intake Air Temperature Sensor	Air temperature sensor signal	Analog

Connector 4

Pin #	Name	Function	Signal Type
4A	Power Ground	Chassis ground	Ground
4B	Power Source	12V switched	Power
4C	Power Ground	Chassis ground	Ground
4D	Power Ground	Chassis ground	Ground
4I	Voltage Back Up	Permanent 12V	Power
4K	Power Ground	Chassis ground	Ground
4L	Tachometer Output	Tachometer output signal	Speed

Caution!

If you are not familiar with the vehicle's electrical systems, onboard sensors, and vehicle dynamics, DO NOT attempt to perform ANY installation of PLX Devices Inc. product(s). PLX Devices Inc. does not guarantee 100% accuracy, compatibility and specific application functionality of these documents. Use these documents as guidelines ONLY and refer to your vehicle's service manual for detailed information.

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