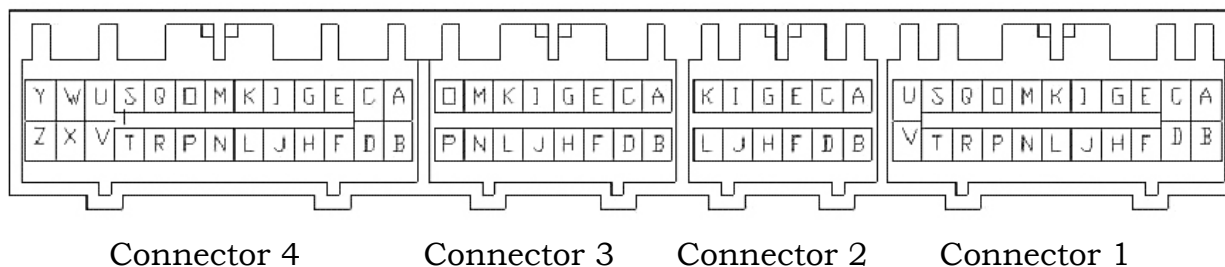




1990-1995 Mazda Miata

Revised October 2, 2005

ECU Pinout Diagram

**Connector 1**

Pin #	Name	Function	Signal Type
1A	Voltage Back Up	Permanent 12V	Power
1B	Power Source	12V switched	Power
1O	Brake Switch	Brake switch signal	Analog

Connector 2

Pin #	Name	Function	Signal Type
2A	Power Ground	Chassis ground	Ground
2B	Power Ground	Chassis ground	Ground
2I	Tachometer Output	Tachometer output signal	Speed
2M	Throttle Position Sensor	Throttle position sensor signal	Analog
2N	Primary O2 Sensor	Primary oxygen sensor signal	Analog
2O	Mass Air Flow	Mass air flow sensor signal	Analog
2P	Intake Air Temperature Sensor	Air temperature sensor signal	Analog
2Q	Engine Coolant Temperature Sensor	Engine coolant temperature sensor signal	Analog

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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