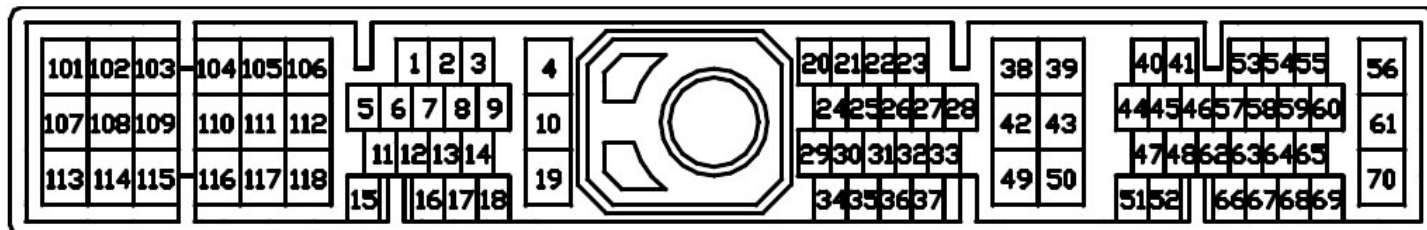




Nissan 1995-98 240SX (OBDII), 97-99 Sentra (non 97 2.0L), 200SX (non 97 2.0L), 96-99 Altima (non 96 CA models), 99 Infiniti G20

Revised October 11, 2005

ECU Pinout Diagram



Connector

Pin #	Name	Function	Signal Type
3	Tachometer Signal	Engine Speed Sensor Signal	Speed
10	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
19	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
23	Throttle Position Sensor	Throttle Position Sensor Signal	Analog
26	Vehicle Speed Sensor	Vehicle Speed Sensor Signal	Speed
28	Intake Air Temperature Sensor	Intake Air Temperature Sensor Signal	Analog
38	Ignition Switch	12V Switched	Power
39	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
43	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
46	O2 Sensor Signal (Front)	Oxygen Sensor Signal (Front)	Analog
47	Mass Air Flow Sensor	Mass Air Flow Sensor Signal	Analog
48	Mass Air Flow Sensor Ground	Chassis Ground	Ground
50	Sensor Ground	Chassis Ground	Ground
51	Engine Coolant Temperature Sensor	Engine Coolant Temperature Sensor Signal	Analog
52	O2 Sensor Signal (Rear)	Oxygen Sensor Signal (Rear)	Analog
54	Knock Sensor	Knock Sensor Signal	Knock, Audio
56	Power Supply (Engine Control Module)	12V Switched	Power
61	Power Supply (Engine Control Module)	12V Switched	Power
70	Power Supply (Aux)	12V Permanent	Power
102	Injector # 1	Engine Speed Sensor Signal (Injector # 1)	Speed
104	Injector # 3	Engine Speed Sensor Signal (Injector # 3)	Speed
106	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
107	Injector # 2	Engine Speed Sensor Signal (Injector # 2)	Speed
109	Injector # 4	Engine Speed Sensor Signal (Injector # 4)	Speed
112	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
118	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground

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.