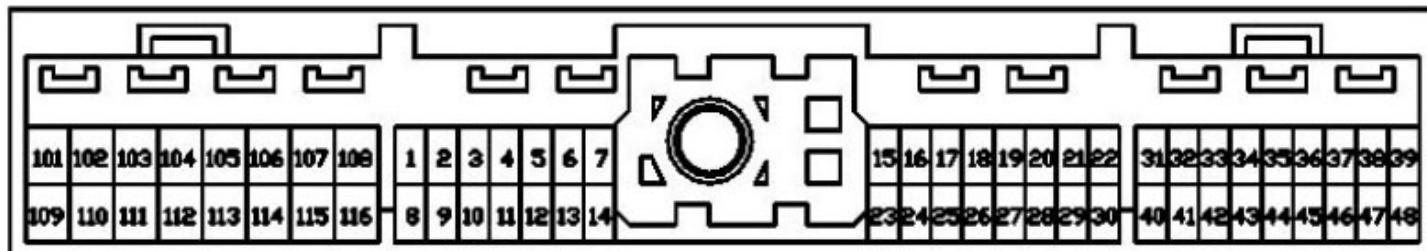




Nissan 89-94 240SX, 91-94 Sentra, 90-94 Pulsar GTi-R SR20DET,  
91-93 NX, Infiniti G20, 93-94 Altima, 89-95 Bluebird SR20DET

Revised October 11, 2005

## ECU Pinout Diagram



### Connector

Pin #	Name	Function	Signal Type
2	Tachometer Signal	Engine Speed Sensor Signal	Speed
4	Main Relay (Electronic Concentrated Control System)	12V Switched	Power
6	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
13	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
16	Mass Air Flow Sensor	Mass Air Flow Sensor Signal	Analog
17	Mass Air Flow Sensor Ground	Chassis Ground	Ground
18	Engine Coolant Temperature Sensor	Engine Coolant Temperature Sensor Signal	Analog
19	O2 Sensor Signal	Oxygen Sensor Signal	Analog
20	Throttle Position Sensor	Throttle Position Sensor Signal	Analog
21	Sensor Ground	Chassis Ground	Ground
26	Air Temperature Sensor	Air Temperature Sensor Signal	Analog
27	Knock Sensor	Knock Sensor Signal	Knock, Audio
29	Sensor Ground	Chassis Ground	Ground
32	Vehicle Speed Sensor	Vehicle Speed Sensor Signal	Speed
36	Ignition Switch	12V Switched	Power
39	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
46	Power Supply (Aux)	12V Permanent	Power
47	Power Supply (Engine Control Module)	12 Switched	Power
48	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
101	Injector # 1	Engine Speed Sensor Signal	Speed
103	Injector # 3	Engine Speed Sensor Signal	Speed
107	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
108	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground
109	Power Supply (Aux)	12V Permanent	Power
110	Injector # 2	Engine Speed Sensor Signal	Speed
112	Injector # 4	Engine Speed Sensor Signal	Speed
116	Power Ground (Electronic Concentrated Control System)	Chassis Ground	Ground

[www.plxdevices.com](http://www.plxdevices.com)

(408)745-7591



### 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.