

## Nissan ECR33 RB25DET Computer Pinout

101	102	103	104	105	106	107	108	1	2	3	4	5	6	7	8	9	10		21	22	23	24	25	26	27	28	29	30	41	42	43	44	45	46	47	48	49	50
109	110	111	112	113	114	115	116	11	12	13	14	15	16	17	18	19	20		31	32	33	34	35	36	37	38	39	40	51	52	53	54	55	56	57	58	59	60

Plug as viewed from edge of computer

Pin	Description	Pin	Description
1	Cyl No1 Spark	11	Cyl No6 Spark
2	Cyl No5 Spark	12	Cyl No2 Spark
3	Cyl No3 Spark	13	Cyl No4 Spark
4	AAC Valve	14	Signal to Automatic Transmission
5	Signal to Automatic Transmission	15	Signal to Automatic Transmission
6	Nc	16	ECCS Relay Coil ground
7	Tachometer out	17	Nc
8	Nc	18	Fuel Pump Relay
9	Signal From Air Conditioning	19	Power Steering Idle Up (Switched to gnd)
10	Ignition Ground	20	Ignition Ground
21	Diagnostics Receive Data	31	Diagnostics Clock
22	Diagnostics Send Data	32	Check Engine light
23	Knock Sensor Cyl 1-3	33	Exhaust Temperature Light
24	Knock Sensor Cyl 4-6	34	Nc
25	Boost control Valve	35	Nc
26	Air Flow Meter Ground	36	Nc
27	Air Flow Meter Sense	37	Nc
28	Engine Temperature Sensor	38	Throttle Position Sensor Sense
29	Oxygen Sensor	39	Nc
30	Sensor Ground	40	Nc
41	Crank Angle Sensor 120° Input	51	Crank Angle Sensor 120° Input
42	Crank Angle Sensor 1° Input	52	Crank Angle Sensor 1° Input
43	Start Switch	53	Hicas Diagnostic wire/speed limiter
44	Transmission Neutral Switch?	54	Nc
45	Ignition Switch (also on Diagnostic)	55	Nc
46	Signal From Air Conditioning	56	Goes to AT/ABS/LSD Control units?
47	Check Signal On Diagnostic	57	Goes to ABS/LSD Control units?
48	Throttle Position Sensor	58	Unswitched 12V (backup)
49	+12 V switched through ECCS Relay	59	+12 V switched through ECCS Relay
50	Ground	60	Ground
101	Cyl No 1 Injector Ground	109	+12 V switched through ECCS Relay
102	Nc	110	Cyl No 5 Injector Ground
103	Cyl No 3 Injector Ground	111	Nc
104	?	112	Cyl No 6 Injector Ground
105	Cyl No 2 Injector Ground	113	Variable Timing Control Solenoid Ground
106	Nc	114	Cyl No 4 Injector Ground
107	Ground	115	Oxygen Sensor Heater
108	Ground	116	Ground