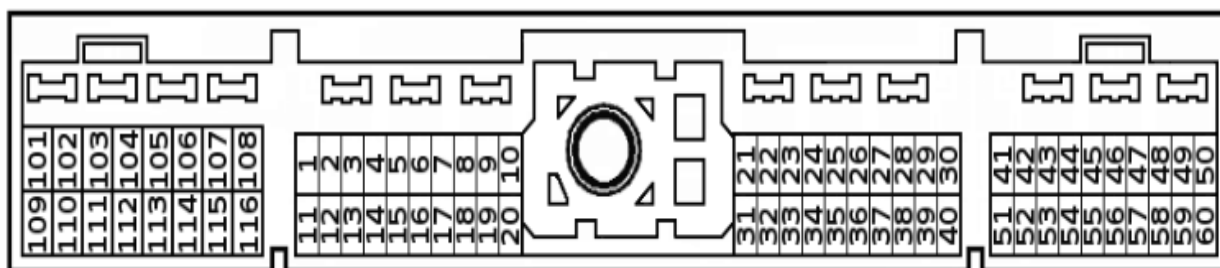


# R33 RB25DET ECU Pinout



Pin	Pin Function
1	IGN 1
2	IGN 5
3	IGN 3
4	AAC Valve Control
5	
6	
7	Tacho Signal Out
8	
9	A/C Relay
10	EARTH – IGN
21	RX ( Diagnosis )*
22	TX ( Diagnosis )*
23	Knock Sensor 1 ( Cyl 1-3 )
24	Knock Sensor 2 ( Cyl 4-6 )
25	Boost Control Solenoid
26	AFM Signal Ground
27	AFM Signal
28	ECT Sensor Signal
29	Oxygen Sensor Signal
30	EARTH Sensor System
41	CAS SYNC Signal
42	CAS REF Signal
43	Start Switch Signal
44	Neutral Switch Signal*
45	Ignition Switch Signal
46	A/C Switch Signal
47	CHK ( Diagnosis )*
48	TPS Reference Voltage
49	C/U Power
50	C/U earth
101	INJ 1
102	
103	INJ 3
104	Fuel Pump Speed Control
105	INJ 2
106	
107	EARTH INJ System
108	EARTH INJ System

Pin	Pin Function
11	IGN 6
12	IGN 2
13	IGN 4
14	
15	
16	ECCS Relay
17	
18	Fuel Pump Relay
19	P/S Oil Pressure Switch
20	EARTH – IGN
31	CLK
32	Engine Warning Lamp
33	Exhaust Temp Warning Lamp
34	
35	
36	FICD Relay
37	
38	TPS Signal
39	
40	
51	CAS SYNC Signal
52	
53	Vehicle Speed Sensor
54	
55	
56	TPS Signal Out to A/T, HICAS
57	Exhaust Temp Sensor*
58	Battery Power
59	C/U Power
60	C/U Earth
109	Inverse Current Feedback System
110	INJ 5 ( 2 <sup>nd</sup> )
111	
112	INJ 6
113	VCT Solenoid
114	INJ 4
115	Oxygen Sensor Heater Ground
116	EARTH INJ System

\* Not confirmed