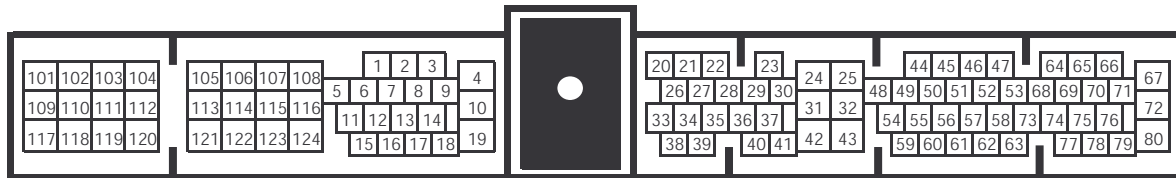


R34 Nissan Skyline ECU pin outs



Terminal number	Description	Terminal number	Description
1	Ign signal (power transistor) Cyl #1	63	Knock sensor signal 2
2	Ign signal (power transistor) Cyl #5	64	A/T mode switch signal (POWER) [RB20DE (L/B) A/T]
3	Ign signal (power transistor) Cyl #3	65	DB (data bush 1 signal) [RB25DET A/T]
4	ECM & IGN coil relay control signal	66	DB (data bush 3 signal) [RB25DET A/T]
5	Tachometer drive signal	67	Control unit power supply
6	-	*68	O/D Off indicator lamp
7	Ign signal (power transistor) Cyl #6	69	DB (data bush 2 signal) [RB25DET A/T]
8	Ign signal (power transistor) Cyl #2	70	A/T mode switch signal (SNOW) [RB20DE (L/B) A/T]
9	Ign signal (power transistor) Cyl #4	*71	Stop lamp switch signal
10	-	72	Control unit power
11	AAC valve control signal	73	-
12	-	74	-
13	Fuel pump relay control signal	75 (RX)	Receive (Data input to control unit)
14	Air conditioner control signal	76 (TX)	Transmit (Data output to control unit)
15	-	77	-
16	-	78	Auxiliary electric fan relay control signal [RB25DE, RB25DET]
17	Malfunction indicator lamp	79	ECM TCM, TCS/ABS integrated control signal [Multiple communication] [RB25DE A/T, RB25DET]
18	-	80	Battery power supply
19	-	81	-
20	Ignition switch (START) signal	82	-
21	Air conditioner switch signal	83	-
22 (CHK)	Check (Diagnosis start)	84	-
23	Throttle position sensor signal	85	-
24 (IGN)	Ignition switch (IGN) signal	86	-
25	Control unit ground	87	-
26	Power steering oil pressure switch signal	88	-
27	-	89	-
28	SB (select bit) 1 signal [RB25DET A/T]	90	-
29	Vehicle speed sensor signal (Vehicle speed sensor 2)	91	-
30	Headlamp switch signal	92	-
31	Ignition power supply	93	-
32	Control unit ground	94	-
*33	Idle position switch signal	95	-
*34	"1" position switch signal	96	-
*35	"2" position switch signal	97	-
36	-	98	-
37	Throttle opening signal [RB25DE-4WD M/T, RB25DE A/T, RB25DET]	99	-
*38	"0" position switch signal	100	-
39	Neutral signal (Park/neutral position signal)	101	Injector No. 1 cylinder drive signal
*40	"R" position switch signal	102	-
*41	Full switch signal	103	Injector No. 3 cylinder drive signal
42	-	104	Variable air intake control solenoid valve control signal [RB25DE (L/B), RB25DE] Turbo pressure control solenoid valve controls [RB25DET]
43	Sensor ground	105	Injector No. 2 cylinder drive signal
44	Crankshaft position sensor 120° (REF) signal	*106	Line pressure solenoid valve control signal
45	Crankshaft position sensor 120° (REF) signal	107	Air jet swirl control s solenoid valve control signal [RB20DE (L/B)]
46	Crankshaft position sensor 1° (POS) signal	108	Canister purge control valve control signal
47	Ring gear crankshaft position sensor signal [RB20DE (L/B)] Turbo pressure sensor signal [RB25DET]	109	Control unit power supply (Counter-electromotive current feedback circuit)
48	Power supply for throttle position sensor, refrigerant pressure sensor, and turbo pressure sensor	110	Injector No. 2 cylinder drive signal
49	Rear defogger switch signal	111	Fuel pump terminal voltage control output signal [RB25DET]
50	Heated oxygen sensor signal	112	Injector No. 6 cylinder drive signal
51	Throttle motor sensor signal [RB25DET]	*113	Line pressure solenoid valve control signal (Dropping resistor circuit)
52	SB (select bit) 2 signal [RB25DET A/T]	114	Injector No. 4 cylinder drive signal
53	Motor throttle switch signal [RB25DET]	*115	Overrun clutch solenoid valve control signal
54	Mass airflow sensor signal	116	Injector ground
55	Mass airflow sensor ground	117	Variable timing control solenoid valve control signal
56	Engine coolant temperature sensor signal	118	Heated oxygen sensor heater control signal
57	Refrigerant pressure sensor signal	*119	Power indicator lamp
*58	Output shaft rotation sensor signal (Vehicle speed sensor 1)	*120	Lockup solenoid valve control signal
59	Turbine sensor signal [RB25DET A/T]	*121	Shift solenoid valve A control signal
*60	Oil temperature sensor signal	*122	Shift solenoid valve B control signal
61	-	123	-
62	Knock sensor signal 1	124	Injector ground

Symbols in () next to terminal numbers indicate the data ling connector terminals. Items marked with * are available on RB20DE