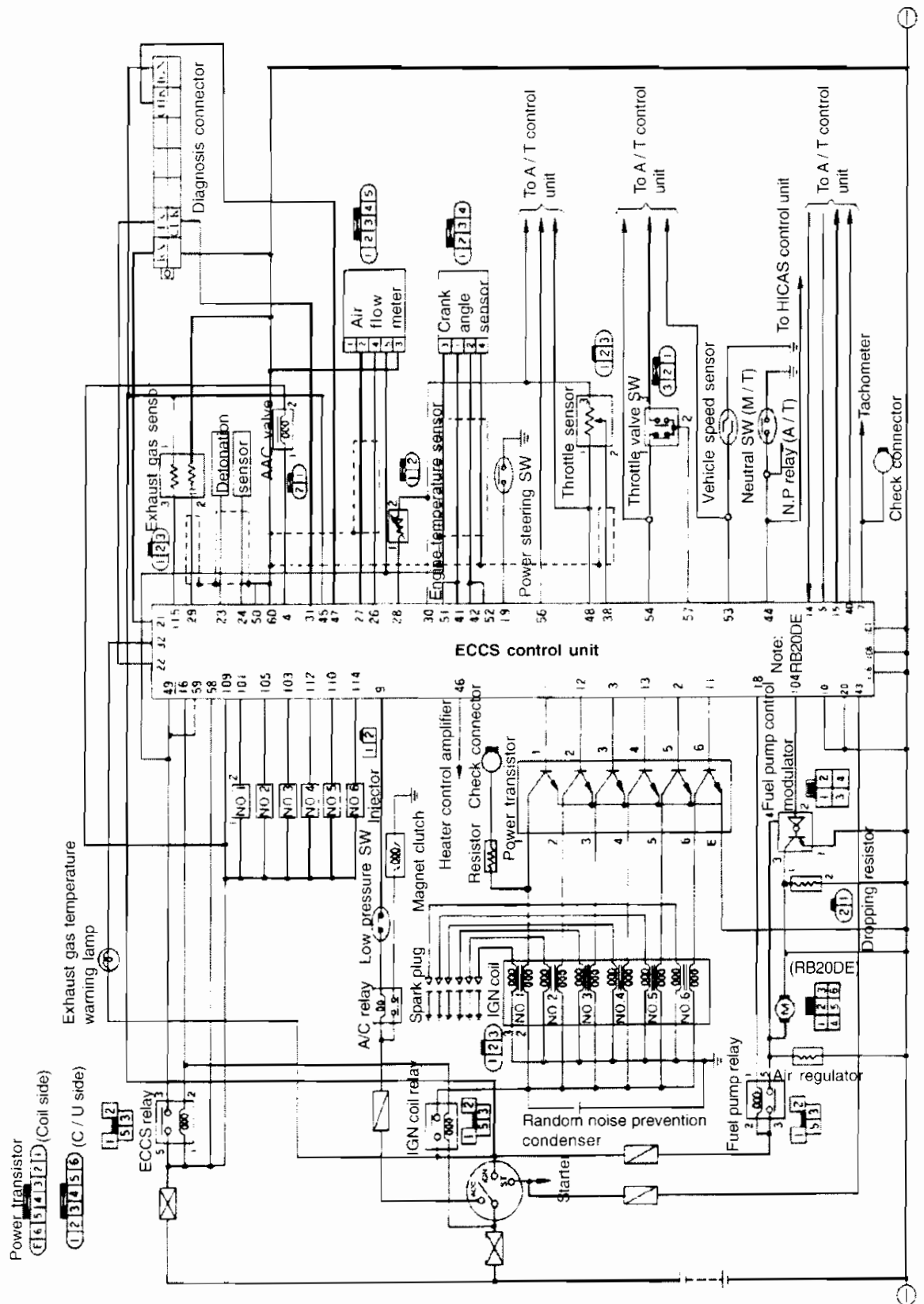


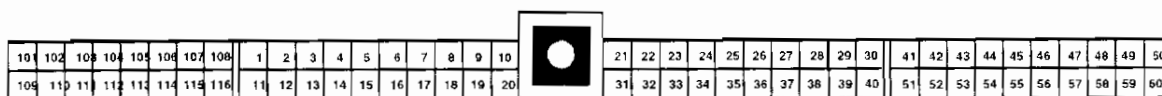
4-2 CIRCUIT DIAGRAM (RB20DE, DET ENGINE)



SYSTEM FIGURE & CIRCUIT DIAGRAM

RB20DE / DET ENGINE

ECCS CONTROL UNIT PIN LAYOUT FIGURE (RB20DE, DET ENGINE)



RX	TX			CHK	IGN
-	CLK				

Terminal No.	Description	Terminal No.	Description
1	Ignition timing (Power transistor) Cyl. No.1	11	Ignition timing (Power transistor) Cyl. No.6
2	Ignition timing (Power transistor) Cyl. No.5	12	Ignition timing (Power transistor) Cyl. No.2
3	Ignition timing (Power transistor) Cyl. No.3	13	Ignition timing (Power transistor) Cyl. No.4
4	AAC valve	14	Engine. A/T control input sigal (BT2)
5	Engine. A/T control input sigal (BT1)	15	Engine. A/T control input sigal (BT3)
6	-	16	ECCS relay
7	Tachometer speed signal	17	-
8	-	18	Fuel pump relay
9	Air conditioner relay (A / C cut signal)	19	Power steering switch
10	Ground (ignition signal system)	20	Ground (ignition signal system)
21 (RX)	Recieve (control unit data reception)	31 (CLK)	Clock (synchronization signal)
22 (TX)	Transmit (data sent from control unit)	32	Monitor and check lamp (red)
23	Detonation sensor 1 (cyl 1 ~ 3)	33	-
24	Detonation sensor 1 (cyl 4 ~ 6)	34	-
25	-	35	-
26	Air flow meter ground	36	-
27	Air flow meter intake air signal (rear)	37	-
28	Engine temperature sensor	38	Throttle opening output
29	Exhaust gas sensor	39	-
30	Sensor ground (throttle sen, EGN temp)	40	-
41	Crank angle sensor (120° signal)	51	Crank angle sensor (120° signal)
42	Crank angle sensor (1° signal)	52	Crank angle sensor (1° signal)
43	Ignition switch START signal	53	Vehicle speed sensor
44	Neutral switch	54	Throttle valve switch (Idle connection PT)
45 (IGN)	Ignition switch (IGN)	55	-
46	Air conditioner switch	56	Throttle sensor output signal
47 (CHK)	Check (Diagnosis activation)	57	Throttle valve switch power supply
48	Throttle sensor power supply	58	Battery power supply
49	Control unit power supply	59	Control unit spower supply
50	Ground (Control unit)	60 (-)	Ground (control unit)
101	Injector No.1	109	Injector power supply
102	-	110	Injector No.5
103	Injector No.3	111	-
104	Fuel pump terminal volt control output (FPCM) RB20DET	112	Injector No.4
105	Injector No.2	113	-
106	-	114	Injector No.6
107	Injector ground	115	Exhaust gas sensor heater ground
108	Injector ground	116	Injector ground