

<u>Nissan pin number</u>	<u>Colour</u>	<u>Function</u>	<u>Speeduino V0.4 Board Pin Number</u>	<u>Speeduino Function</u>
3	Green / Yellow	Injector Number 1	1	Injector 1 - Pin 1/2
31	Blue	Injector Number 3	2	Injector 2 - Pin 1/2
4	Brown	Injector Number 4	3	Injector 3 - Pin 1/2
32	Blue / Black	Injector Number 2	5	Injector 4 - Pin 1/2
51	Yellow	Coil Pack Number 1	7	Ignition 1
24	Green	Coil Pack Number 2	8	Ignition 4
6	Black	Earth	9	Ground
34	Black	Earth	12	Ground
22	Red / White	Cooling Fan Relay (Grounding Relay) Must not be connected directly	15	Proto Area 2 (0.4.4b+ Fan)
1	Black / Yellow	Fuel Pump Relay	16	Proto Area 3 (0.4.4b+ Fuel Pump)
18	Blue / Black	Tachometer	17	Proto Area 4 (0.4.4b+ Tachometer)
78	Red / Green	Engine Coolant Temp Sensor	19	Coolant (CLT)
77	Orange	Mass Air Flow Sensor with IAT	20	Inlet Air Temp (IAT)
12	Black / Red	Heated Oxygen Sensor (Front)	21	O2 Sensor
73	Blue	Throttle Position Sensor	22	TPS input
55	Black	Earth	23	Ground
44	Green / Yellow	Camshaft Position Sensor	24	Cam Input / VR2+
16	Black	Crank Shaft Position Sensor +ve	25	Crank Input / VR1+
43	White	Crank Shaft Position Sensor - ve	27	VR1- (Not used for hall sensor)
46	Green	Throttle Position Sensor	28	5v
52	Blue	Coil Pack Number 4	33	Ignition 3
25	White	Coil Pack Number 3	34	Ignition 2
2	Brown / Yellow	IACV - ACC Valve	36	Idle 2 (For use with 3 wire idle valves)
29	Blue / Yellow	IACV - ACC Valve	37	PWM Idle
58	Green / White	Ign Switched Coil pack Common +ve (10A - fuse 25)	12v+	Speeduino 12v+
54	Green / White	ECM Relay (grounding relay)	grounding relay	
71	Black / White	Throttle Position Sensor / Engine Coolant Temp Sensor (Ground)	Join	
14	Black / White	Mass Air Flow Sensor with IAT (ground)	Join	
11	Blue	Heated Oxygen Sensor (Front) (Ground)	Join	
28	Black	Earth	Join (Fuel pump earth issue - switch at connector F58)	

