1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

All outputs (except ignitor and stepper idle) are ground switching.
Connect at least two ground terminals to a single ground source.
Connector Terminal | Arduino Pin | Function

Terminal	Pin	Function	Terminal	Pin	Function
1		GPI	25		STEPPER IDLE A1
2		GPO	26	D34	IGNITOR 4
3	A8	SPARE INPUT 1	27	D33	IGNITOR 3
4	A9	SPARE INPUT 2	28	D28	LOW CURRENT OUTPUT 3
5		5V OUT	29	D27	LOW CURRENT OUTPUT 2
6		KEYED 12V INPUT	30	D25	FAN 2
7		GROUND	31	D22	TACHOMETER
8		STEPPER IDLE A2	32	D6	INJECTOR 3
9		STEPPER IDLE B1	33	A5	INLET AIR TEMPERATURE SENSOR
10		UNSWITCHED 12V INPUT (FLYBACK FOR IDLE, BOOST, VVT)	34	D37	LAUNCH/CLUTCH
11	D29	LOW CURRENT OUTPUT 4	35	D2	VEHICLE SPEED SENSOR
12	D11	VVT	36	D21	KNOCK SENSOR
13	D12	BOOST	37	D18	SECONDARY TRIGGER
14	D10	PWM IDLE 2	38	D19	PRIMARY TRIGGER
15	D9	PWM IDLE 1	39		GROUND
16	D5	INJECTOR 4	40		GROUND
17	A1	EXHAUST GAS SENSOR	41		STEPPER IDLE B2
18	A3	THROTTLE POSITION SENSOR	42	D36	IGNITOR 2
19	A4	COOLANT TEMPERATURE SENSOR	43	D35	IGNITOR 1
20	D20	FLEX FUEL SENSOR	44	D26	LOW CURRENT OUTPUT 1
21		SECONDARY TRIGGER (VR- ONLY)	45	D24	FAN 1
22		PRIMARY TRIGGER (VR- ONLY)	46	D23	FUEL PUMP
23		GROUND	47	D7	INJECTOR 2
24		GROUND	48	D8	INJECTOR 1