

Inputs

Resource	Function	Details
Digital 1	Trigger Primary Sensor	
Digital 2	Trigger Secondary Sensor	Assigned (shared with VVT Timing)
Digital 2	VVT Timing Intake camshaft 1 Position Sensor	
Digital 3	VVT Timing Exhaust camshaft 1 Position Sensor	
Digital 4	Sensors Oil level	Assigned to multiple functions
Digital 4	Sensors Oil temperature	Assigned to multiple functions
Analog 1	Sensors Manifold pressure Sensor	
Analog 3	Sensors Oil pressure	
Analog 4	Sensors Throttle 1 position Main signal	
Analog 5	Sensors Throttle 1 position Check signal	
Analog 6	Sensors Pre-throttle pressure	
Analog 7	Sensors Accelerator position Main signal	Assigned to multiple functions
Analog 7	Sensors Accelerator position Check signal	Assigned to multiple functions
Analog 8	Sensors Wastegate position	
Analog 9	Sensors Intake air temperature	
Analog 10	Sensors Cylinder head temperature	
Analog 11	Sensors Pre-intercooler air temperature	
Analog 12	Sensors Coolant temperature	
Precision analog 2	Sensors Exhaust gas temperature 1	
Precision analog 4	Sensors Exhaust gas temperature 2	

Outputs

Resource	Function	Details
Ignition 1	Ignition Coils Assignment Cylinder 1	
Ignition 2	Ignition Coils Assignment Cylinder 2	
Ignition 3	Ignition Coils Assignment Cylinder 3	
Ignition 4	Ignition Coils Assignment Cylinder 4	
Ignition 5	Ignition Coils Assignment Cylinder 5	
Ignition 6	Ignition Coils Assignment Cylinder 6	
Injector 1	Fuel Rail 1 Injectors Assignment Cylinder 1	
Injector 2	Fuel Rail 1 Injectors Assignment Cylinder 2	
Injector 3	Fuel Rail 1 Injectors Assignment Cylinder 3	
Injector 4	Fuel Rail 1 Injectors Assignment Cylinder 4	
Injector 5	Fuel Rail 1 Injectors Assignment Cylinder 5	
Injector 6	Fuel Rail 1 Injectors Assignment Cylinder 6	
Injector 7	Fuel Rail 1 High pressure pumps Setup Pump 1 Valve	
Auxiliary 1	Lambda controller 1 Wideband heater	
Auxiliary 3	Outputs Oil pressure regulator	
Auxiliary 5	VVT Timing Intake camshaft 1 Actuator Solenoid	
Auxiliary 6	VVT Timing Exhaust camshaft 1 Actuator Solenoid	
H-bridge 1A	DBW Throttle 1 Setup	
H-bridge 2A	Outputs Thermostat Actuator	
H-bridge 3A	Boost Actuator Electronic wastegate	
H-bridge 1B	DBW Throttle 1 Setup	
H-bridge 2B	Outputs Thermostat Actuator	
H-bridge 3B	Boost Actuator Electronic wastegate	