

# Inputs

Resource	Function	Details
Digital 1	Trigger Primary Sensor Input	
Digital 2	VVT Timing Intake Intake camshaft 1 Position Sensor input	
Digital 3	Trigger Secondary Sensor Input	Assigned to multiple functions
Digital 3	VVT Timing Exhaust Exhaust camshaft 1 Position Sensor input	Assigned to multiple functions
Digital 6	Sensors Turboshافت speed Turboshافت 1 speed Input	
Analog 1	Sensors Manifold pressure Sensor Input	
Analog 2	Sensors Accelerator position Main signal Input	
Analog 3	Sensors Accelerator position Check signal Input	
Analog 4	Sensors Throttle 1 position Main signal Input	Assigned to multiple functions
Analog 4	Sensors Throttle 1 position Check signal Input	Assigned to multiple functions
Analog 5	Sensors Oil pressure Input	
Analog 6	Sensors Fuel level Input	Assigned to multiple functions
Analog 6	Sensors Fuel pressure Input	Assigned to multiple functions
Analog 7	Sensors Fuel high pressure 1 Input	
Analog 8	Sensors Turboshافت speed Turboshافت 1 speed Input	
Analog 9	Sensors Coolant temperature Input	
Analog 10	Sensors Pre-throttle pressure Input	
Analog 11	Sensors Intake air temperature Input	
Analog 15	Sensors Oil temperature Input	
Precision analog 1	Sensors Exhaust gas temperature Exhaust gas temperature 1 Input	

# 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	
Injector 1	Fuel Rail 1 Injectors Assignment Cylinder 1	DI Injector 1 control signal
Injector 2	Fuel Rail 1 Injectors Assignment Cylinder 2	DI Injector 2 control signal
Injector 3	Fuel Rail 1 Injectors Assignment Cylinder 3	DI Injector 3 control signal
Injector 6	Fuel Rail 2 Injectors Assignment Cylinder 1	Port Injector 1
Injector 7	Fuel Rail 2 Injectors Assignment Cylinder 2	Port Injector 2
Injector 8	Fuel Rail 2 Injectors Assignment Cylinder 3	Port Injector 3
Auxiliary 1	Lambda controller 1 Wideband heater output	
Auxiliary 5	VVT Timing Intake Intake camshaft 1 Actuator Solenoid Output	
Auxiliary 6	VVT Timing Exhaust Exhaust camshaft 1 Actuator Solenoid Output	
Auxiliary 7	Boost Actuator Solenoid Output	
H-bridge 1	DBW Throttle 1 Setup Output	
H-bridge 2B	Fuel Rail 1 High pressure pumps Setup Pump 1 Valve output	
H-bridge 3A	Outputs Custom outputs Output A Output	