

RACE 3 ECU - Pinout (Up to Pin 56)

Pin	Function	Description
Pin 1	Crank +	Differential input for crank sensor (Hall or VR)
Pin 2	Crank -	Differential input negative
Pin 3	Camshaft +	Camshaft position sensor input
Pin 4	Camshaft -	Optional differential cam input
Pin 5	Injector 1	High-impedance injector output
Pin 6	Injector 2	
Pin 7	Injector 3	
Pin 8	Injector 4	
Pin 9	Injector 5	
Pin 10	Injector 6	
Pin 11	Injector 7	
Pin 12	Injector 8	
Pin 13	Coil 1	Ignition output (logic level or passive coil)
Pin 14	Coil 2	
Pin 15	Coil 3	
Pin 16	Coil 4	
Pin 17	Coil 5	
Pin 18	Coil 6	
Pin 19	Coil 7	
Pin 20	Coil 8	
Pin 21	DBW Motor +	Push-pull DBW control output
Pin 22	DBW Motor -	Push-pull DBW control output
Pin 23	DBW Pedal Sensor 1	Analog input (0-5V)

Pin 24	DBW Pedal Sensor 2	Analog input (0-5V)
Pin 25	Throttle Position Sensor	Feedback input (0-5V)
Pin 26	MAP Sensor Internal	Built-in 4 bar MAP sensor
Pin 27	IAT Sensor	Inlet Air Temperature
Pin 28	CLT Sensor	Coolant Temperature
Pin 29	Knock Sensor 1	Programmable knock input
Pin 30	Knock Sensor 2	Programmable knock input
Pin 31	EGT Channel 1	Internal amplifier
Pin 32	EGT Channel 2	Internal amplifier
Pin 33	Wideband LSU 4.9 (+)	Direct Bosch LSU 4.9 input
Pin 34	Wideband LSU 4.9 (-)	Ground/shield
Pin 35	Fuel Pump Relay Output	Low-side driver
Pin 36	Fan Relay Output	Low-side driver
Pin 37	Boost Solenoid Output	PWM control
Pin 38	VVT Output	VVT solenoid or cam phaser
Pin 39	Nitrous Control Output	Low-side or PWM
Pin 40	Water/Meth Control Output	Optional use
Pin 41	Wheel Speed FL	Hall sensor input
Pin 42	Wheel Speed FR	
Pin 43	Wheel Speed RL	
Pin 44	Wheel Speed RR	
Pin 45	Switch Input 1	Configurable (e.g. clutch, launch)
Pin 46	Switch Input 2	
Pin 47	Analog Input 1	General-purpose analog (0-5V)
Pin 48	Analog Input 2	
Pin 49	Sensor 5V Output	Power supply for sensors

Pin 50	Sensor Ground	Return for sensor signals
Pin 51	ECU Ground	Power ground
Pin 52	+12V Main Power	Switched ignition input
Pin 53	USB Data +	USB interface
Pin 54	USB Data -	
Pin 55	CAN High	CAN communication
Pin 56	CAN Low	

Σημαντική Σημείωση

Σημαντικό: Για την αποστολή του σωστού pinout, παρακαλούμε επικοινωνήστε μαζί μας και δώστε τον σειριακό αριθμό (serial number) του ECU σας. Υπάρχει πιθανότητα να υπάρχει διαφορετική έκδοση της πλακέτας με διαφορετικό pinout και η χρήση λάθους διαγράμματος μπορεί να προκαλέσει προβλήματα.