

ELECTRICAL-ELECTRONICS



INJECTING
WITH
PRECISION



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EFFICIENT EFI FROM VARROC

Varroc Electronic Fuel Injection (EFI) ECU precisely controls the air-fuel ratio and ignition timing of an internal combustion engine to efficiently meet emission and drivability requirements. Our ECU supports dual or single-cylinder engines with varying sensor requirements. Equipped with onboard diagnostics and being BS VI compliant, the system can seamlessly adapt to both single and dual-cylinder arrangements.



Features

- Onboard diagnostics
- Adaptable to multiple engine requirements
- BS VI stage I and stage II compliant
- 3-in-1 sensor-mounted MTB assembly



Configurable Inputs & Outputs Support



Double or Single-Cylinder Application

Typical Application Conditions

- ✓ Normal operating voltage: 13.5V DC (3 0.5V)
- ✓ Wide operating voltage range: 6V to 16V
- ✓ ECU can work on Alpha N and speed density strategy
- ✓ Nominal operating current in the range of few hundred milliamperes and negligible sleep mode currents in the range of a few hundred microamperes
- ✓ IP 66 and IP 67 protected systems can work in harsh automotive environments
- ✓ Operating Temperature: -20°C to 90°C
- ✓ Configurable inputs and outputs to meet customer requirements

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