

发动机控制模块 Engine Control Unit

产品介绍 Product Introduction

凯晟发动机控制模块包含16位和32位发动机控制单元，适用于汽油机和(或)汽油天然气双燃料发动机并满足欧V排放法规的适应性标定。其中32位发动机控制单元采用力矩控制模式，支持电子节气门体、可变气门正时DCVVT、GDI缸内直喷系统、TCI涡轮增压控制等。

凯晟同时具有单控制器的双燃料发动机(油气)控制系统、售后双燃料改装用接口控制器、柴油机改装天然气发动机控制系统和柴油机天然气串烧系统等。

KESENS develops 16-bit and 32-bit engine management control unit, applicable to gasoline and (or) gasoline/CNG bi-fuel engines to meet Euro V standard. The 32-bit engine management control unit adopts torque control mode, supporting electronic throttle body, variable valve adjust DCVVT, GDI direct injection system, TCI turbocharger control, etc.

KESENS also has a single-controller bi-fuel engine (gasoline and CNG) control system, after-sales bi-fuel conversion interface controller, diesel engine conversion CNG engine control system and diesel-CNG series combustion system.



发动机控制模块
Engine Control Unit

产品优势 Product Advantages:

- ◆ 多样的安装方案
Multiple installation solution
- ◆ 面向混合动力系统的方案
HEV system solution
- ◆ 客户定制的系统解决方案
Customized system solution
- ◆ 强大的工程服务能力
Professional engineering service capability
- ◆ 模块化的开发确保交付品质与速度
Modular development to ensure delivery quality and efficiency
- ◆ 已在国内外多个客户项目上批产应用
Batch production and application in many customer projects at home and abroad

发动机控制模块 Engine Control Unit

产品特性 Product Features:

- ◆ 16位, 32位高性能主控芯片
16 bits or 32 bits high performance MCU
- ◆ 支持机械或电子节气门
Support MTB or ETC
- ◆ 支持自然吸气或增压系统控制
Support PFI or Turbo charger system control
- ◆ 支持EGR, PDA, DVVT
Support EGR, PDA and DVVT control
- ◆ 基于扭矩的系统控制
Torque based system control
- ◆ 支持起停系统控制
Support start-stop system control
- ◆ 完备的安全监控算法满足ISO 26262 ASIL C等级
Safety monitoring algorithm which can meet ISO 26262 ASIL C level
- ◆ 支持多样的变速箱控制系统, 如AT/AMT/CVT/DCT
Support various transmission system like AT/AMT/CVT/DCT
- ◆ 满足欧四、欧五、欧六法规要求
Meet Euro IV, Euro V, Euro VI emission standards
- ◆ 提高车辆使用寿命
Service life enhanced