AUTOMOTIVE BASICS

Just a collective information..

SERVICES LAYER

The **Services Layer** is the highest layer of the Basic Software which also applies for its relevance for the application software: while access to I/O signals is covered by the ECU Abstraction Layer, the Services Layer offers:

➢ Operating system functionality
➢ Vehicle network communication and management services
➢ Memory services (NVRAM management)
➢ Diagnostic Services (including UDS communication, error memory and fault treatment)
➢ ECU state management, mode management
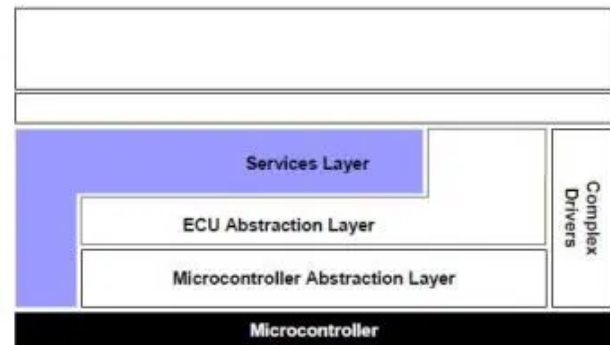➢ Logical and temporal program flow monitoring (Wdg manager)

Task

Provide basic services for applications and basic software modules.

Properties

Implementation: mostly µC and ECU hardware independent

Upper Interface: µC and ECU hardware independent

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