



汽车数学和电机控制库(AMMCLib)

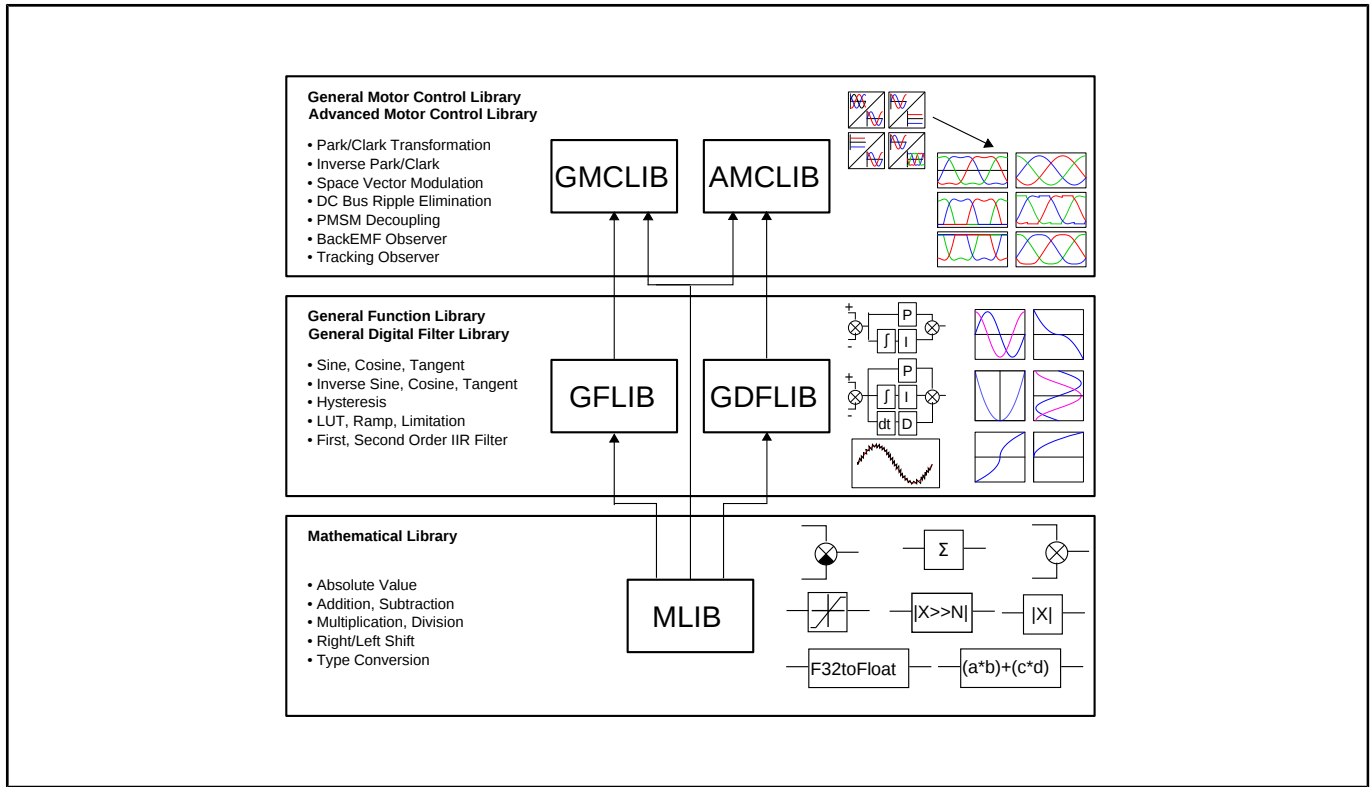
AMMCLIB

Last Updated: Jul 16, 2024

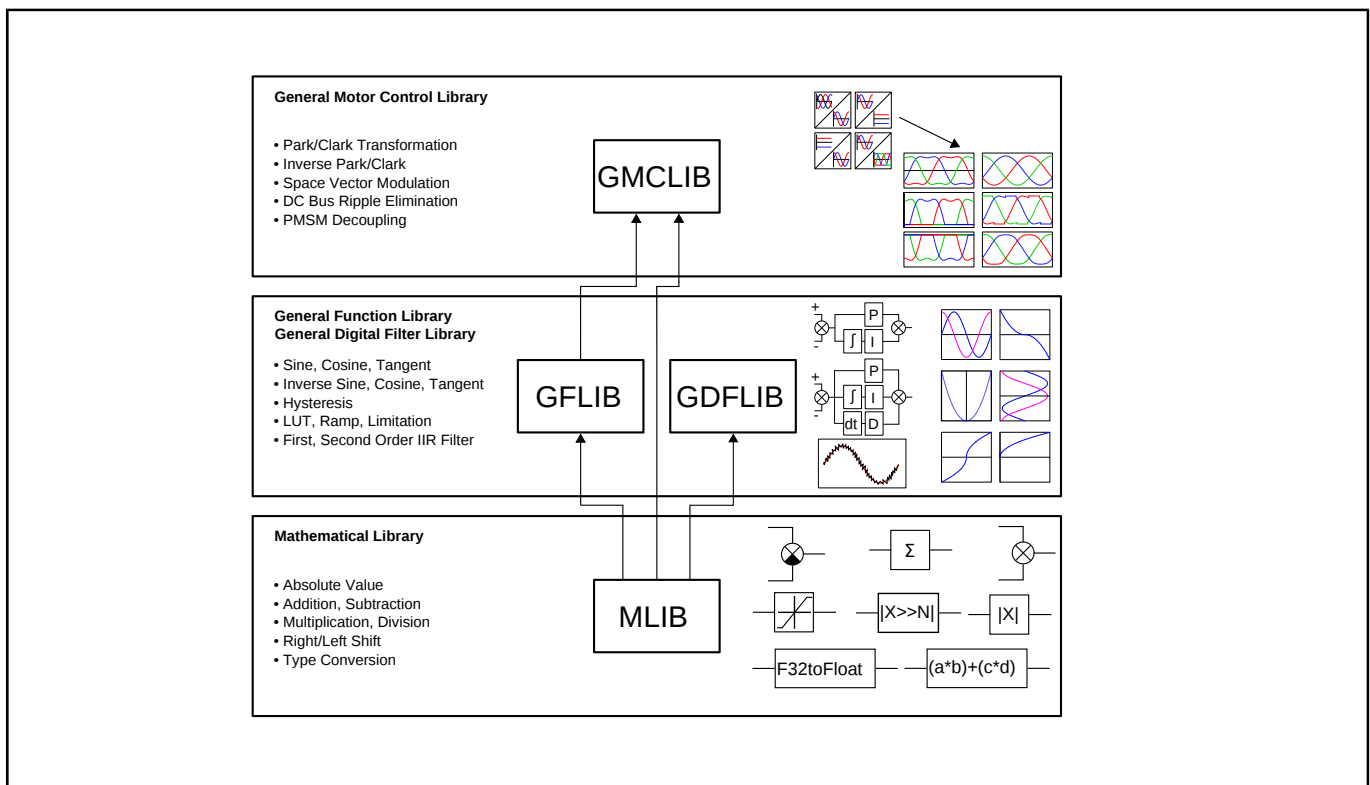
汽车数学和电机控制库（AMMCLib）集为快速开发具有高性能算术、三角函数、数字信号处理和数学函数的汽车嵌入式应用提供了重要的构建模块。AMMCLib可作为预编译或源代码包用于生产。

AMMCLib大多既支持基于传感器的电机控制应用，也支持无传感器的电机控制应用，还可协助进行16/32位定点小数单精度浮点运算。所有AMMCLib函数均采用MATLAB® 和Simulink®位精度模型，基于模型进行设计、仿真和生成代码，支持嵌入式编码器。

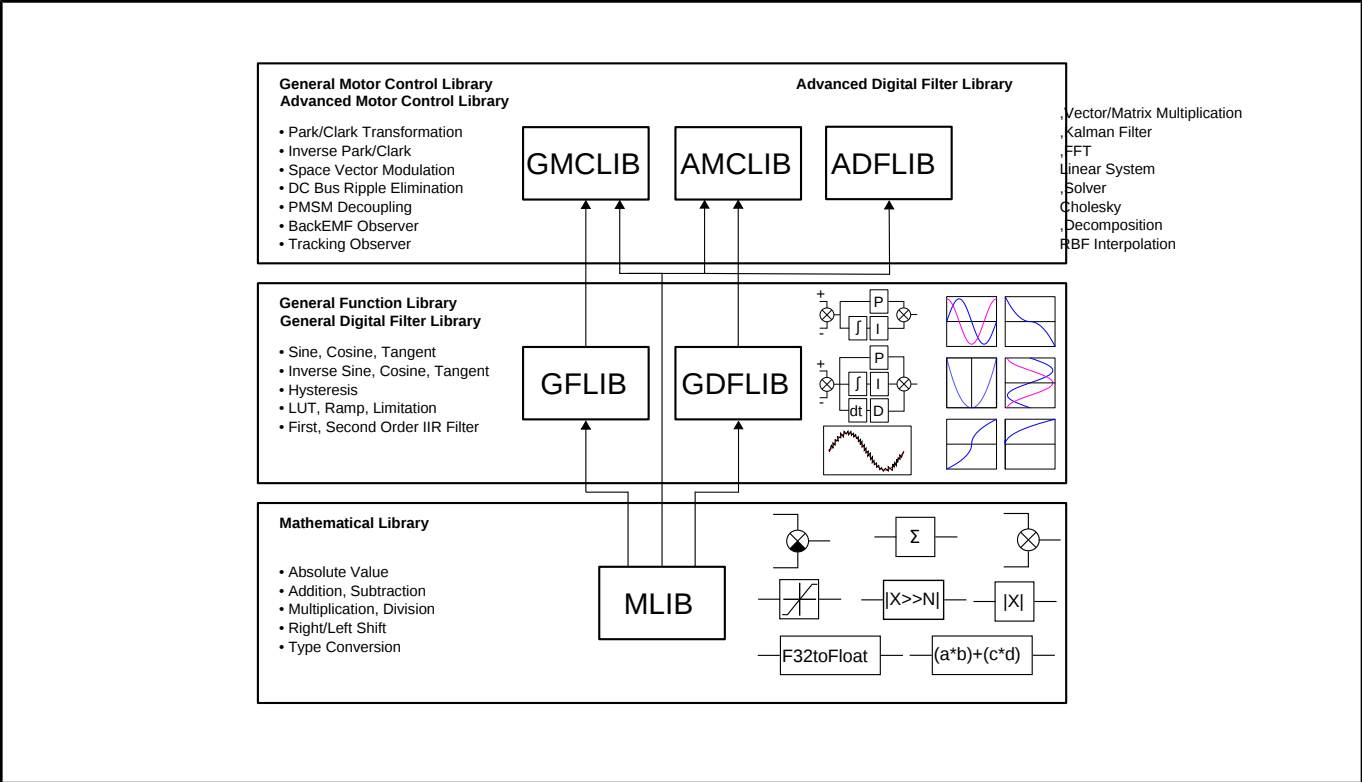
汽车AMMCLIB通用架构-Block Diagram



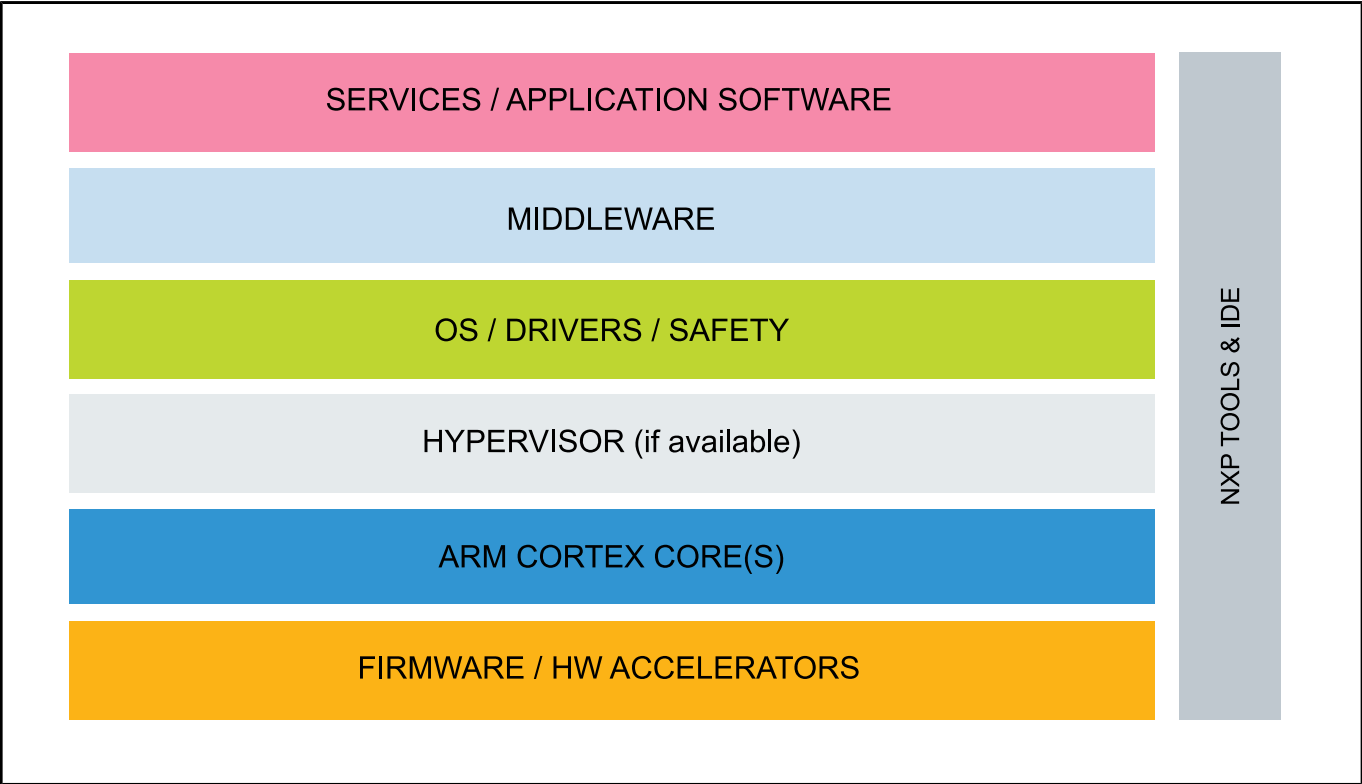
KEA的汽车AMMCLIB架构 Block Diagram



S32Z/E和S32V的汽车AMMCLIB架构 Block Diagram



汽车软件通用结构框图 Block Diagram



View additional information for [汽车数学和电机控制库\(AMMCLib\)](#).

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