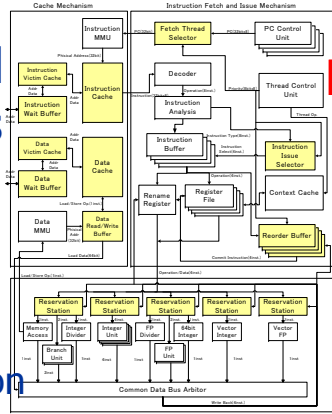


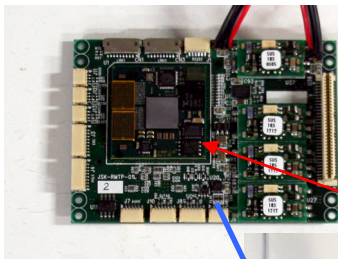
Fundamental Technology on Dependable SoC/SiP for Embedded Real-Time Systems

SoC for Distributed Real-Time Systems

- IPC Control: Program Speed Control
- *Responsive Link*: Real-Time Communication (**ISO/IEC24740**)



Real-Time Processing Unit (RMT PU)



High-Power Motor Driver

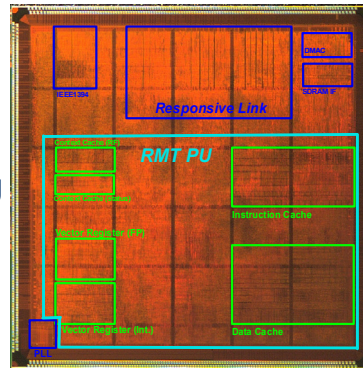


High-Power Leg

- 80V-200A Motor Driver
- Noise & Heat Tolerance Required for SiP/SoC

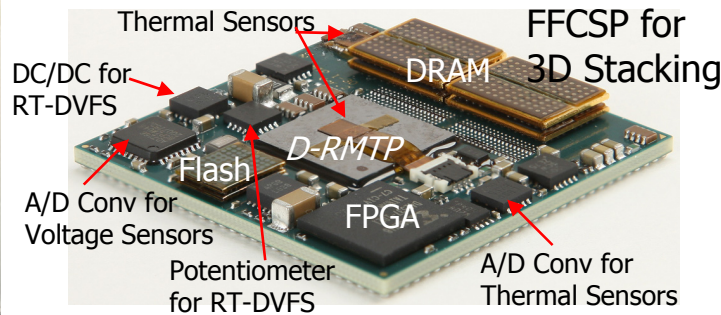
Hardware/Software Codesign

D-RMTP SoC

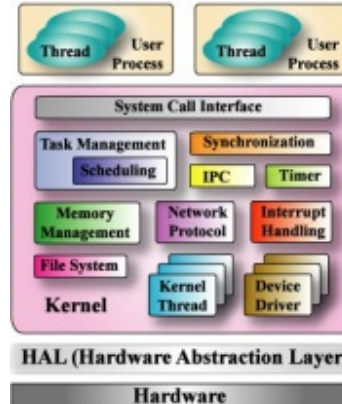


SoC/SiP Codesign

30mm sq. D-RMTP SiP



Everything About Real-Time Processing & Communication and Various I/O Peripherals are Integrated on 30mm sq. Board



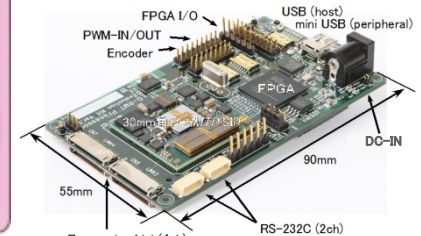
RT-OS

Distributed Control Systems
RT-DVFS

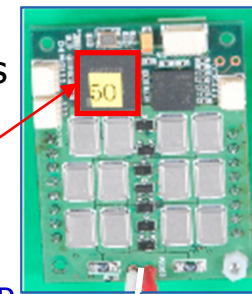


20mm sq. D-RMTP SiP

QoS Theory

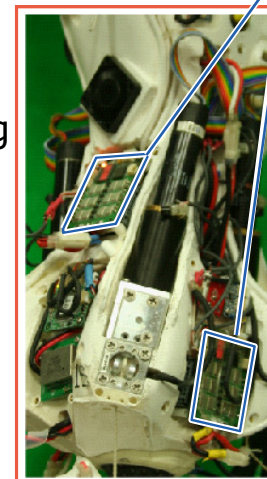


D-RMTP Evaluation Kit (Name-Card Size) Promotion Activity



Control Board

Humanoid



High Degree of Freedom

100-DOF

Dependable Processor, Communication, and OS for Real-Time Systems