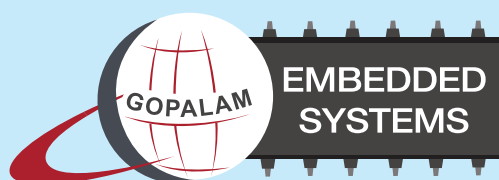




**LEADING
ONE STOP
PROVIDER FOR
EMBEDDED
SYSTEMS**

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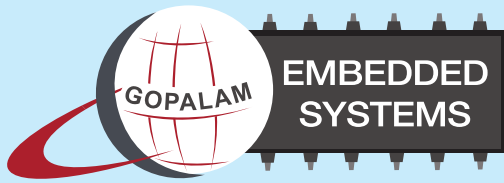
GOPALAM EMBEDDED SYSTEMS

www.embeddedsingapore.com

GES together with the ESA Group offers an ecosystem of highly integrated hardware and software embedded solutions.

Model Based Design Prototyping Kits IoT/IIoT
Embedded Linux SBCs JTAG debuggers
Connectivity Solutions EtherCAT Linux Debugging
Multi Core Debugging TOOLS Flashers TMI
Software Testing Compilers ECOSYSTEM Battery Management
Embedded Middleware
Protocol Analyzers RTOS Boundary Scan Tools
Storage Emulation Industrial Automation
Engineering Academic Solutions Embedded Security
High Performance Power Supplies Bluetooth Automotive Ethernet

Our ecosystem of synergetic tools holistically support the entire development lifecycle of embedded systems from Design, Development, Debugging to Deployment.



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PRODUCT PORTFOLIO

EMBEDDED DEVELOPMENT TOOLS

COMPILERS AND IDE

ISO 26262 certified C/C++/Rust compiler



Deep Static Code Analysis, C/C++, C#, Java, Rust, Python, etc, ISO 26262



C-cross compiler, Assemblers, IEEE-695, H/W debuggers, ST & NXP



JTAG DEBUGGERS

In-circuit debugger -ARM Cortex, NXP, STM



In-circuit Gang Programmers for ARM, RISC



RTOS & MIDDLEWARE

PXROS-HR SIL-3, Qkit



POSIX compliant, Microkernel, ISO 26262 ASIL D



IEC 61508 SIL 3 compliant, safe RTOS



SOFTWARE V&V TOOLS

Code Coverage for C/C++ and Target, ISO26262 Qkit



Embedded Software Testing - MiL, SIL, PiL, HiL, ECU, In-Vehicle Testing, ISO 26262



MBD V&V TOOLS

Static Model Analysis, Quality Monitoring, Model Improvement, ISO26262



Embedded Software Testing - MiL, SIL, PiL, HiL, ECU, In-Vehicle Testing, ISO 26262



EMBEDDED PROTOCOL SOLUTIONS

VEHICLE CONNECTIVITY SOLUTIONS

CAN, CAN-FD, LIN; CAN Analyzer; Diagnostics



Solution for testing applications, integrating multiple bus systems for efficient logging and gateway operations.



Automotive Ethernet Converter, Capture, Gateway, Switch, Fleet testing



Automotive Ethernet and Std Ethernet Test & Monitoring Solution



DSO, Logic Analyzer, Protocol Analyzer



PROTOCOL SOLUTIONS

DSO, Logic Analyzer, Protocol Analyzer



Automotive Ethernet and Std Ethernet Test & Monitoring Solution



Storage Adapters and Cables



HSR/PRP/PTP/TSN Switches and Routers



Bluetooth & Wifi



ETHERCAT SOFTWARE, HARDWARE & DIAGNOSTICS TOOLS

EtherCAT Software: Master, Slave, Diagnostic, Hypervisor



Slave H/W Modules



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EMBEDDED HARDWARE SOLUTIONS

PROGRAMMERS & FLASHERS

In-circuit debugger for variety of ARM and RISC



High Speed Production Socket Programmers XELTEK SuperBOT



Ultra-fast parallel/SPI flash programmer via FPGA/JTAG



In-System Flash Programmers for ARM (NXP, STM & Others)



EVALUATION BOARD & DEVELOPMENT KITS

Embedded Modules and Systems - ARM, x86, PowerPC



EDGE COMPUTING & AI

Rugged Industrial SBC, Computers, Ethernet switches, I/O



AI-ready Computing Systems, SBC, Fanless Embedded Systems



Industrial computers, Ethernet serial servers, SEALEVEL IoT Hardware & Software



INDUSTRIAL AUTOMATION

Industrial DAQ, Loggers, M/c Vision, Signal Converters



Synchronous and Asynchronous communication H/W



SEMICONDUCTOR COMPONENTS

USB Solutions



Connectivity, iEthernet, Cortex-M+TCP/IP, Serial-to-Ethernet, WiFi



EMBEDDED HARDWARE DIAGNOSTIC TOOLS

PCB DIAGNOSTIC TOOLS

Solution for testing populated printed circuit boards



POWER ANALYSIS TOOLS

Devices operating between 0.8V to 12VDC



Power Analysis Modules designed to accurately measure and analyze power consumption in various devices and systems



TEST & MEASUREMENT INSTRUMENTS

DSO, Logic Analyzer, Protocol Analyzer



AC/DC Power Supplies, Oscilloscopes, Electronic Load, DAQ



IR based BGA Rework station



Microscopes, digital instruments, and inspection



VERTICALS

ROBOTICS



EMS





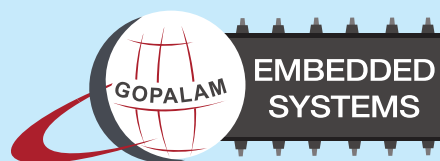
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GES delivers system level solutions for embedded systems including application porting, device driver development, RTOS porting to target Systems, applications in C and C++, assembly and firmware.

At GES, we aspire to support customers with our extensive knowledge and vast experience in embedded systems to help them innovate and deliver superior embedded designs. We enable our customers to concentrate on their core business problems while relying on us to quickly recommend, and build tailored solutions for their embedded development. We cater to the a broad range of needs across various verticals like automotive, aerospace, defense, education, electronics design/manufacturing, energy, industrial automation, instrumentation, medical devices, military, semiconductor and telecom/datacom.

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