

## GOFAST 32- and 64-Bit Floating-Point Libraries

- IEEE 754 Single and Double Precision Format
- Trigonometric, Logarithmic, Exponentiation and Square Root Functions
- Full Data Conversions Including to/from ASCII, Integer and Floating Point
- Fully-Defined Error Handling
- Fully ROMable

GOFAST\* i960® microprocessor family floating point library is written source assembly and optimized for speed and precision. The GOFAST library gives its users immediate access to: basic arithmetic functions (add/subtract, multiply/divide); trigonometric functions (cosine, sine, tangent, arctangent); exponentiation function; data conversion procedures (ASCII string to/from floating point, word integer to/from floating point); and floating point utility procedures.

GOFAST is delivered with both 32- and 64-bit precision and conforms with IEEE 754 formats. GOFAST adheres to the IEEE 754 error handling procedures in all applicable cases.

PROCESSORS SUPPORTED:  
i960 Processor Family

AVAILABILITY:  
Now

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