# Multi-Tasking Operating System

## For Embedded Applications

<table>
<thead>
<tr>
<th>Processor</th>
<th>Features</th>
</tr>
</thead>
</table>
| 8051      | - Dynamic prioritization  
- Real-time  
- User defined resource allocation  
- Inter-task communication  
- Priority task scheduling  
- Memory Management  |
| 8086      | - Events  
- Time delays  
- ROMable  
- Complete documentation  
- Easy to use  
- Less than 3K bytes  |
| 8085      | - Events  
- Time delays  
- ROMable  
- Complete documentation  
- Easy to use  
- Less than 3K bytes  |
| 6800      | - Events  
- Time delays  
- ROMable  
- Complete documentation  
- Easy to use  
- Less than 3K bytes  |

*Delivered in source assembly for ease of customization and product integration*

## Floating Point Libraries

**FPAC**

- Available for 8086, 8085, 8051, Z-80, 6809
- As low as $750 (one time fee, no royalties)
- IEEE FORMAT (single and double precision)
- Delivered in source assembly (highly optimized)

FPAC comprises the basic arithmetic operations (add/subtract, multiply, divide), trigonometric functions (COS, SIN, TAN, ATN) logarithms, exponentiation, square root, and data conversions including ASCII to/from floating point and integer to/from floating point.

## Multi-Tasking Kernel

**MTK**

- Real-Time  
- Source Assembly  
- Easy to Use  
- Small (less than 1K)  
- 8086, 8085, Z-80, 6502, 6800, 6809, 68000  
- Complete Documentation

The Multi-Tasking Kernel including source assembly code for all of the processors listed above is only $250.