## Floating Arithmetic on 4.3/RT

## FP engines:

software proprietary accelerators mc68881

Data formats: ieee 754 single and double

Evaluation precision: single, double, extended depends on user option and hardware

Compile-time operations done in default modes

Math library: ieee version of Kahan's 4.3BSD libm

Decimal conversion conforms to 754

printf() and scanf() support "INF" and "NAN()"

## Comparisons:

## Exception handling

Incomplete; surely buggy
Exception treated as SIGFPE signal
Operands and operation not available