

FA MODULE ENABLE FOR FLOATING POINT RANGE ERRORS

Enable range check is a static line from the background port status register on the EA module. The state of this bit from the status register can be altered by a background or foreground instruction. The enable line is sampled when any instruction issues to the floating add unit. The state of the enable is held for vector length for instructions that involve vector operands. A change in the state of the enable during an instruction doesn't affect the current floating add operation. The enable allows the FC module to set a range error flag, which is sent to the EA module, if an error occurs.