STATUS REPORTING COMMANDS

The Status Byte definitions follow this section.

*CLS	The * CLS command clears all status registers. The status enable registers are NOT cleared.
*ESE (?) {i} {,j}	The *ESE i command sets the standard event enable register to the decimal value i (0-255). The *ESE i,j command sets bit i (0-7) to j (0 or 1). The *ESE? command queries the value (0-255) of the status byte enable register. The *ESE? i command queries the value (0 or 1) of bit i.
*ESR? {i}	The * ESR? command queries the value of the standard event status byte . The value is returned as a decimal number from 0 to 255. The * ESR? i command queries the value (0 or 1) of bit i (0-7). Reading the entire byte will clear it while reading bit i will clear just bit i.
*SRE (?) {i} {,j}	The * SRE i command sets the serial poll enable register to the deci- mal value i (0-255). The * SRE i,j command sets bit i (0-7) to j (0 or 1).The * SRE? command queries the value (0-255) of the serial poll enable register. The * SRE? i command queries the value (0 or 1) of bit i.
*STB? {i}	The *STB? command queries the value of the serial poll status byte . The value is returned as a decimal number from 0 to 255. The *STB? i command queries the value (0 or 1) of bit i (0-7). Reading this byte has no effect on its value.
*PSC (?) {i}	The PSC command sets the value of the power-on status clear bit If i=1 the power-on status clear bit is set and all status registers and enable registers are cleared on power up. If i=0 the bit is cleared and the status enable registers maintain their values at power down. This allows a service request to be generated at power up.
ERRE (?) {i} {,j}	The ERRE i command sets the error status enable register to the deci- mal value i (0-255). The ERRE i,j command sets bit i (0-7) to j (0 or 1). The ERRE? command queries the value (0-255) of the error status enable register. The ERRE? i command queries the value (0 or 1) of bit i.
ERRS? {i}	The ERRS? command queries the value of the error status byte . The value is returned as a decimal number from 0 to 255. The ERRS? i command queries the value (0 or 1) of bit i (0-7). Reading the entire byte will clear it while reading bit i will clear just bit i.
LIAE (?) {i} {,j}	The LIAE command sets the lock-in (LIA) status enable register to the decimal value i (0-255). The LIAE i,j command sets bit i (0-7) to j (0 or 1). The LIAE? command queries the value of the LIA status enable register. The LIAE? i command queries the value (0 or 1) of bit i.
LIAS? {i}	The LIAS? command queries the value of the lock-in (LIA) status byte. The value is returned as a decimal number from 0 to 255. The LIAS? i command queries the value (0 or 1) of bit i (0-7). Reading the entire byte will clear it while reading bit i will clear just bit i.