

STATUS BYTE DEFINITIONS

SERIAL POLL STATUS BYTE (5-21)

<u>bit</u>	<u>name</u>	<u>usage</u>
0	SCN	No data is being acquired
1	IFC	No command execution in progress
2	ERR	Unmasked bit in error status byte set
3	LIA	Unmasked bit in LIA status byte set
4	MAV	The interface output buffer is non-empty
5	ESB	Unmasked bit in standard status byte set
6	SRQ	SRQ (service request) has occurred
7	Unused	

LIA STATUS BYTE (5-23)

<u>bit</u>	<u>name</u>	<u>usage</u>
0	RSRV/INPT	Set when on RESERVE or INPUT overload
1	FILTR	Set when on FILTR overload
2	OUTPT	Set when on OUTPT overload
3	UNLK	Set when on reference unlock
4	RANGE	Set when detection freq crosses 200 Hz
5	TC	Set when time constant is changed
6	TRIG	Set when unit is triggered
7	Unused	

STANDARD EVENT STATUS BYTE (5-22)

<u>bit</u>	<u>name</u>	<u>usage</u>
0	INP	Set on input queue overflow
1	Unused	
2	QRY	Set on output queue overflow
3	Unused	
4	EXE	Set when command execution error occurs
5	CMD	Set when an illegal command is received
6	URQ	Set by any key press or knob rotation
7	PON	Set by power-on

ERROR STATUS BYTE (5-23)

<u>bit</u>	<u>name</u>	<u>usage</u>
0	Unused	
1	Backup Error	Set when battery backup fails
2	RAM Error	Set when RAM Memory test finds an error
3	Unused	
4	ROM Error	Set when ROM Memory test finds an error
5	GPIB Error	Set when GPIB binary data transfer aborts
6	DSP Error	Set when DSP test finds an error
7	Math Error	Set when an internal math error occurs