| Register | Function | Range | Default |
|---|---|---|---|
| S0 | Numbers of rings to wait before answering.  When set to 0, auto answer is disabled. | 255 | 000 |
| S1 | Count of current number of rings. Cleared if no rings during last eight seconds. | 0-255 | 000 |
| S2 | ASCII value of escape code character | 0-127 | 043 (+) |
| S3 | ASCII value of carriage return character | 0-127 | 013 (CR) |
| S4 | ASCII value of line feed character | 0-127 | 010 (LF) |
| S5 | ASCII value of backspace character | 0-32,127 | 008 (BS) |
| S6 | Maximum dial tone wait time before dialing (seconds) | 2-255 | 002 |
| S7 | Wait time for carrier after dialing (seconds) | 1-255 | 030 |
| S8 | Pause time for comma (seconds) | 0-255 | 002 |
| S9 | Carrier detect response time (0.1 seconds) | 1-255 | 006 |
| S10 | Carrier loss response time (0.1 seconds) | 1-255 | 007 |
| S11 | Controls the speed of tone dialing (milliseconds) | 50-255 | 070 |
| S12 | Escape code guard time (.02 seconds) | 20-255 | 050 |
| S13 | Bit mapped options (as below) | | 016 |
| | Bit 0 - Undefined | | 0 |
| | Bit 1 - Undefined | | 0 |
| | Bit 2 - Parity Disabled/Enabled (0/1) | | 0 |
| | Bit 3 - Parity Bit, Odd/Even (0/1) | | 0 |
| | Bit 4 - Data Bits, 7/8 (0/1) | | 1 |
| | Bit 5 - Undefined | | 0 |
| | Bit 6 - Buffer Overflow Flag (Causes ERROR Result code to be sent) | | 0 |

| | | | |
|---|---|---|---|
| | | Bit 7 - Parity Bit, Space/Mark (0/1) (If bit 4=0) | 0 |
| S14 | Bit mapped options (as below) | | 106 |
| | | Bit 0 - Autoanswer Disabled/Enabled (0/1) | 0 |
| | | Bit 1 - Local Echo Disabled/Enabled (0/1) | 1 |
| | | Bit 2 - Result Codes, Enabled/Disabled (0) | 0 |
| | | Bit 3 - Result Codes, Numeric/Verbal (0/1 | 1 |
| | | Bit 4 - Command Received Enabled/Disabled (1) | 0 |
| | | Bit 5 - Make/Break Ratio, Europe/US (0/1) | 1 |
| | | Bit 6 - CCITTV.22/Bell212A,103 mode (0/1) | 1 |
| | | Bit 7 - Long Space Disconnect Disable/Enable (0/1) | 0 |
| S15 | Bit mapped options (as below) | | 059 |
| | | Bit 0 - Same as Bit 4 | 1 |
| | | Bit 1 - Same as Bit 5 | 1 |
| | | Bit 2 - Answer Mode/Originate Mode (0/1) | 0 |
| | | Bit 3 - Half Duplex/Full Duplex (0/1) | 1 |

| Bit 5 | Bit 4 | | |
|---|---|---|---|
| 0 | 0 | Undefined | |
| 1 | 0 | 110 bps | |
| 0 | 1 | 300 bps | |
| 1 | 1 | 1200 bps | |

| | | | |
|---|---|---|---|
| | | Bit 6 - Connection/No Connection (0/1) | 0 |
| | | Bit 7 - Undefined | 0 |
| S16 | Self Test Register | | |
| | | Value 0 - Normal Operation | |
| | | Value 1 - Analog Loop Back | |
| | | Value 2 - DTMF Tone Test | |
| | | Value 3 - Digital Loop Back | |

```
NOTE:
Registers S13 through S15 are bit-mapped and are for internal use only.
Writing into these registers might result in unpredictable results.

(css 07/28/93)
```