Date & Time	Start up	Communications

Date   [03/31/1992]
Time   [14:19:25]
	Program [MSDOS]
	Num Lock Light [ON]
	CPU Speed [Fast]
	Shadow RAM [NO]
		Serial Ports [Enabled]
		  Addresses [Normal]
		Parallel Port [Printer]
		  Bidirection [YES]

Video/Speaker	Power	Timeouts
Mode [VGA] Monitor [LCD COLOR] Cursor Type [Line] Speaker [ON]	Management [OFF] Resume Mode [ON] VRAM Timeout [Enabled]	Suspend Mode [40] Minutes Standby Mode [01] Minutes Display [01] Minutes Hard Drive [16] Minutes

```
<ESC> Exit to DOS without saving setup   <CTRL-BRK> Reboot without saving
<F1>  Help for option that cursor is on  <SPACE> Toggles options
<F2>  Save setup and exit                <ARROW> Moves to next option
```

Your Tandy 2820 HD computer comes with two programs that let you control
some of the computer's parameters and let you set the computer to use less
power when you use battery power. The programs are called Setup282 and
Power282 in DOS and Setup and Power in DeskMate. There are also certain key
combinations that let you easily change the computer's operation.

The setup program lets you select system and timeout parameters and store
the parameters you select in memory. The computer uses these parameters
each time you turn on the computer. When you use the Setup program, you
must restart the computer to initialize the new parameters. The setup
program's parameters and their factory settings are listed below.

```
Date and Time            Valid Date and Time
Program                  DeskMate
Num Lock Light           ON
CPU Speed                Fast
Shadow RAM               YES
Serial Ports             Enabled
Addresses                Normal
Parallel Port            Printer
Bidirection              YES
Floppy*                  B: 1.44MB 3 1/2"
Mode                     VGA
Monitor                  LCD Color
Cursor Type              Line
Speaker                  ON
Management               ON
Resume Mode              OFF
VRAM Timeout             Enabled
Suspend Mode             0 minutes
Standby Mode             8 minutes
Display                  4 minutes
Hard Drive               2 minutes
```

* This parameter appears only when you select Floppy as the parallel port
  device.

Following is a brief description of each parameter in the setup program.

* DATE AND TIME--Lets you set the computer's time and date for DeskMate and
  MS-DOS.
* PROGRAM--Lets you select the program (DeskMate or MS-DOS) the computer
  runs when you turn on the computer.
* NUM LOCK LIGHT--Lets you set the NUMLK indicator to automatically turn on
  when you turn on the computer.
* CPU SPEED--Lets you set the computer's speed. You can choose Fast (16MHz)
  or Slow (8MHz).
* SHADOW RAM--Assigns the memory between 640KB and 1MB as Shadow RAM. With
  the Shadow RAM set to NO, 384KB will be used for extended memory. With the
  Shadow RAM option set to YES, part of this memory will shadow the machine
  BIOS and part of it may be used by TEMM2820.SYS or other memory managers.
  This results in slightly faster performance for some software.
* SERIAL PORTS--Lets you turn the COM1 and COM2 external serial ports on or
  off.
* ADDRESSES--Lets you assign the serial ports' addresses. You can assign
  either the normal addresses or you can swap the addresses. The default
  setting (normal) assigns COM1 as a serial port and COM2 as a modem port
* PARALLEL PORT--Lets you select a printer or external floppy disk drive as
  the parallel port device.
* BIDIRECTION--If you select Printer as the parallel port device, you can
  select YES for bidirectional printer operation or NO for unidirectional
  operation.
* PARALLEL PORT--If you select Floppy as the parallel port device, you can
  set the port for Drive A or Drive B in 360KB, 720KB, or 1.44MB storage
  volumes, using a 3 1/2" or 5 1/4" external diskette drive. If the drive
  uses the Toshiba standard and you assign the drive as Drive A, the
  computer automatically reassigns the internal diskette drive as Drive B.

Note: If you connect a 1.2MB external diskette drive (25-1087), set this
option to Printer.

* MODE--Lets you set the video emulation mode to VGA, CGA, EGA, or MDA for
  the computer's LCD display or for an external monitor. Select the video
  mode specified by the program you are running. Most software will run with
  this option set to VGA.
* MONITOR--Lets you choose the type of monitor you want to use. You can
  select the computer's display panel (LCD Mono or LCD Color) or an external
  monitor (CRT).
* CURSOR TYPE--Lets you select a line or block cursor.
* SPEAKER--Lets you turn the computer's speaker on or off.
* MANAGEMENT--Saves battery power by running the computer at a slow speed
  when there is not keyboard or disk activity.

Note: With the Management parameter set to ON, the computer might require
more time to complete some operations or run certain software, such as large
spreadsheets. To operate the computer at the selected CPU parameter setting
at all times, set this parameter to OFF.

* RESUME MODE--Lets you turn Resume on or off.
* SUSPEND MODE--Lets you set the number or minutes of serial port, hard disk,
  and screen inactivity before the computer turns off and enters the Resume

mode. You must set the Resume option to ON for the suspend mode to have
any effect.
* STANDBY MODE--Lets you select the number of minutes of system inactivity
  before the display and hard drive turn off. This parameter operates only
  when the computer uses battery power. Press any key to resume operation.
* DISPLAY--Lets you select the number of minutes of keyboard and display
  inactivity before the display turns off. Your computer turns off the
  display after 1,2,4,8, or 16 minutes. The display stays on if you select
  00 (or Never in DeskMate). This parameter operates only when the computer
  uses battery power.
* HARD DRIVE--Lets you select the number of minutes of hard disk inactivity
  before the hard disk turns off. You can select 1,2,4,8, or 16 minutes.
  The hard disk stays on if you choose 00 (or Never in DeskMate). This
  parameter operates only when the computer uses battery power.
* VRAM TIMEOUT--If you select Enable, the video display will not time out if
  there is screen activity. If you select Disable, the screen will time out
  regardless of screen activity. If you are using DeskMate, you can disable
  this option by placing an x in the checkbox. If you do not put an x in the
  checkbox, the display will not turn off.

Running the SETUP282 in DOS:

To run the Setup program in DOS, follow these steps:

1. Exit from DeskMate (or any other program).
2. If you are not in Drive C, type: c: <ENTER>.
3. Select the DOS directory by typing: cd dos <ENTER>.
4. At the MS-DOS prompt, type: setup282 <ENTER> The Setup program screen
   appears.
5. Use the arrow keys to select the parameter you want and press the
   spacebar to choose the setting.
6. Press F2 if you want to save your changes. If you do not want to save
   changes, press ESC.

(jej-05/10/94)