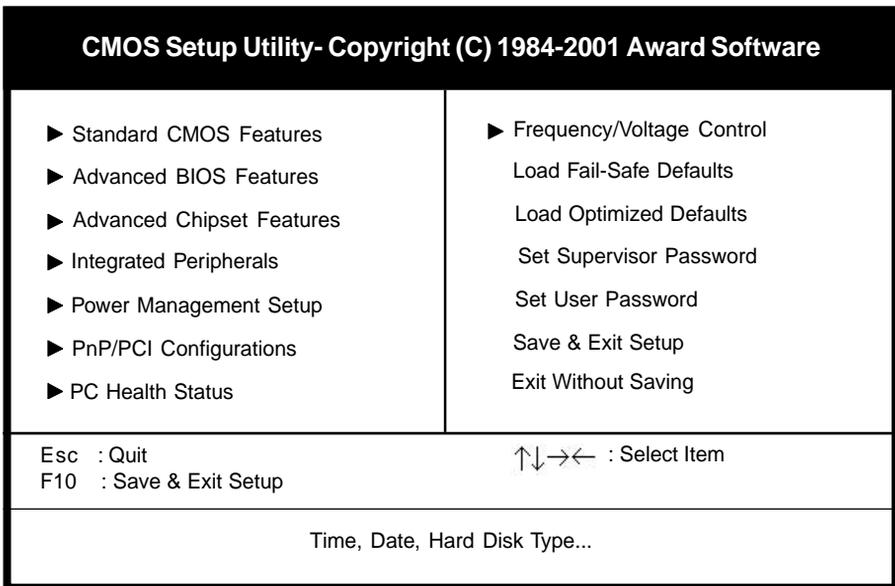# Chapter 3

Award BIOS Setup Program

Award's BIOS ROM has a built-in setup program that allows users to modify the basic system configuration. This information is stored in CMOS RAM so that it can retain the setup information, even when the power is turned off.

When you turn on or restart the system, press the Delete key to enter the Award BIOS setup program. The primary screen as shown in Figure 3-1 is a list of the menus and functions available in the setup program. Select the desired item and press enter to make changes. Operating commands are located at the bottom of this and all other BIOS screens. When a field is highlighted, on-line help information is displayed on the right side of the screen.

CMOS Setup Utility- Copyright (C) 1984-2001 Award Software

▶ Standard CMOS Features	▶ Frequency/Voltage Control
▶ Advanced BIOS Features	Load Fail-Safe Defaults
▶ Advanced Chipset Features	Load Optimized Defaults
▶ Integrated Peripherals	Set Supervisor Password
▶ Power Management Setup	Set User Password
▶ PnP/PCI Configurations	Save & Exit Setup
▶ PC Health Status	Exit Without Saving

Esc : Quit   ↑↓→← : Select Item
F10 : Save & Exit Setup

Time, Date, Hard Disk Type...

Figure 3-1 Setup Program Initial Screen

3-1 Standard CMOS Features

The Standard CMOS Features allows users to configure system components such as hard disk drive, floppy disk drive and video display as well as date, time and boot up error signaling. This configuration menu should be changed when installing a mainboard for the first time, changing hardware in your system such as the HDD, FDD, video display, or when the CMOS data has been lost or contaminated. Choose the Standard CMOS Setup option from the CMOS Setup Utility menu (Figure 3-1) to display the following screen. When a field is highlighted, on-line help information is displayed on the left bottom edge of the screen.

```
     CMOS Setup Utility- Copyright (C) 1984-2001 Award Software
                        Standard CMOS Features

   Date (mm : dd : yy)        Tue, Jun 12  2001        Item  Help
   Time (hh : mm : ss)        17 : 14 : 44
                                                    Menu Level   ►
 ► IDE Primary Master         None
 ► IDE Primary Slave          None
 ► IDE Secondary Master       None
 ► IDE Secondary Slave        None

   Drive A                    1.44M, 3.5  in.


   Video                      EGA/VGA
   Halt On                    All Errors

   Base Memory                640K
   Extended Memory            64512K
   Total  Memory              65536K

 ↑↓→← :Move  Enter:Select   +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
     F5:Previous Values       F6:Fail-Safe Defaults      F7:Optimized Defaults
```

Figure 3-2 Standard CMOS Features Screen

Date/Time
Set the date and time. Do not skip this function as all of your timed events such as power management, saving files, etc. are based on this timer.

Hard Disk Setup (Primary/Secondary; Master/Slave)
This category identifies up to four IDE hard disk drives that have been installed in the computer. This section does not show information on other IDE devices such as CD-ROM drives or other hard drive types such as SCSI drives.

Floppy Disk Drives
Choose the memory capacity and disk size that corresponds with that of your floppy disk drive(s).

Video
Select the type of video adapter present in your system. You can ignore this setting if you are using a VGA monitor since VGA BIOS automatically configures this setting.

Halt
When the system is powered on, BIOS performs a series of diagnosis tests called POST (Power On Self Test). This function stops the computer if BIOS detects a hardware error. You can tell BIOS to halt on all errors, no errors, or not to halt on specific errors.

3-2 Advanced BIOS Features

By choosing the Advanced BIOS Features option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard**.**

```
┌────────────────────────────────────────────────────────────────────────┐
│        CMOS Setup Utility- Copyright (C) 1984-2001 Award Software        │
│                         Advanced BIOS Features                           │
├──────────────────────────────────────────────┬─────────────────────────┤
│                                                │       Item Help         │
│   Anti-Virus Protection        Disabled        ├─────────────────────────┤
│   CPU Internal Cache           Enabled         │  Menu Level    ►        │
│   External Cache               Enabled         │                         │
│   Quick Power On Self Test     Enabled         │                         │
│   First Boot Device            Floppy          │                         │
│   Second Boot Device           HDD-0           │                         │
│   Third Boot Device            LS120           │                         │
│   Boot Other Device            Enabled         │                         │
│   Boot Up Floppy Seek          Enabled         │                         │
│   Boot Up NumLock Status       On              │                         │
│   Gate A20 Option              Fast            │                         │
│   Typematic Rate Setting       Disabled        │                         │
│ X Typematic Rate (Chars/Sec)   6               │                         │
│ X Typematic Delay (Msec)       250             │                         │
│   Security Option              Setup           │                         │
│   OS Select (For DRAM > 64MB)  Non-OS2         │                         │
│   HDD S.M.A.R.T. Capability    Disabled        │                         │
│   Small Logo(EPA) Show         Enabled         │                         │
│   Show POST CODE               Enabled         │                         │
└──────────────────────────────────────────────┴─────────────────────────┘
```

↑↓→← :Move   Enter:Select   +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
　　　F5:Previous Values   　F6:Fail-Safe Defaults   　　F7:Optimized Defaults

Figure 3-3 Advanced BIOS Features Screen

A. Anti-Virus Protection

Trend *ChipAway* Virus

Trend ChipAway Virus is a code incorporated in the mainboard's BIOS firmware. During the boot-up sequence, BIOS loads before loading of the partition table or boot sector. ChipAway Virus loads with BIOS and is able to detect boot-up viruses before they have a chance to infect the hard drive. ChipAway Virus employs rule-based logic that doesn't look for specific viruses but rather detects patterns found in every virus, eliminating the need to perform periodical version updates after new viruses have been found.

B. Cache Control

CPU Internal Cache/External Cache

Cache memory is much faster than conventional DRAM system memory. These fields allow you to enable or disable the CPUs Level 1 built-in cache and Level 2 external cache. Both settings are left enabled to significantly increase the performance of your computer.

C. Boot Up Features

After turning on the system, BIOS will perform a series of device initialization and diagnostic tests discussed below.

Quick Power On Self Test (POST)

Enable this function to reduce the amount of time required to run the POST (Power On Self Test). BIOS saves time by skipping some items during POST. It is recommended that you disable this setting. Discovering a problem during boot up is better than loosing data during your work.

First/Second/Third/Boot Other Device

This option sets the sequence of drives BIOS attempts to boot from after POST completes. BIOS will search these drives for an operating system.

Boot up Floppy Seek

During POST, BIOS will determine if the installed floppy disk drive has 40 or 80 tracks. A 360K drive has 40 tracks and 720K, 1.2M and 1.44M drives have 80 tracks. All modern floppy disk drives have 80 tracks.

Boot Up NumLock Status

This function defines the keyboard's number pad as number keys or arrow keys.

D. Keyboard Interface

Typematic Rate Setting

When enabled, you can set the following two typematic control items. When disabled, keystrokes are determined arbitrarily by the keyboard controller in your system.

Typematic Rate (Chars/Sec)

The typematic rate sets the rate at which characters on the screen repeat when a key is pressed and held down.

Typematic Delay (Msec)

The typematic delay sets how long after you press a key that a character begins repeating.

E. Security Option

The Supervisor and/or User Password functions shown in Figure 3-1 must be set to take advantage of this function. See Section 3-11 for password setting information. When the Security Option is set to System, a password must be entered to boot the system or enter the BIOS setup program. When the Security Option is set to Setup, a password is required to enter the BIOS setup program.

F. OS Select (For DRAM >64MB)

If your system's DRAM is larger than 64MB and you are running OS/2 , select OS/2 as the item value. Otherwise, set the item value to Non-OS/2 for all other operating systems.

G. HDD S.M.A.R.T Capability

If your Hard Drive support the S.M.A.R.T. technology (Self Monitoring Analysis Reporting Technology) feature, you may enable this item to monitor and report your Hard Drive health status. Check with your Hard Drive Vendor for further information about SMART feature.

Note! Using this feature may decrease system performance.

3-3 Advanced Chipset Features

By choosing the Advanced Chipset Features option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard**.**

```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software
                  Advanced Chipset Features
```

		Item Help
▶ Advanced DRAM Control 1	Press Enter	
▶ Advanced DRAM Control 2	Press Enter	Menu Level ▶
System BIOS Cacheable	Enabled	
Video RAM Cacheable	Enabled	
Memory Hole at 15M-16M	Disabled	
AGP Fast Write Control	Enabled	
AGP Data Transfer Rates	Support 4X	
AGP Aperture Size	64MB	
Flash BIOS Protection	Disabled	

↑↓→← :Move Enter:Select   +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
          F5:Previous Values   F6:Fail-Safe Defaults   F7:Optimized Defaults

Figure 3-4 Chipset Features Setup Screen

⚠ All of the above settings have been determined by the mainboard manufacturer and should not be changed unless you are absolutely sure of what you are doing. Explanation of the DRAM timing and chipset features setup is lengthy, highly technical and beyond the scope of this manual. Below are abbreviated descriptions of the functions in this setup menu. You can look on the world wide web for helpful chipset and RAM configuration information including AWARD's web site at http://www.award.com.

A. System BIOS Cacheable

Enabling this function allows caching of the system BIOS ROM at F0000h-FFFFFh, resulting in better system performance. However, if any program writes to this memory area, a system error may result. Caching the system BIOS results in better performance than shadowing the system BIOS.

B. Video RAM Cacheable

Enabling this function will allows caching of the video RAM, resulting in better system performance. However, if any programs write to this memory area, a system error may occur.

C. Memory Hole at 15M-16M

Enabling this function will reserve the memory address space between 15MB and 16MB for ISA expansion cards. However, enabling this function will result in not allowing the system to have access to memory above 16MB. Please note that some expansion cards require this setting to be enabled. The default setting is Disabled. If Auto Configuration is enabled, you must set the DRAM timing function to 60ns or 70ns, depending on the type of DRAM you install.

D. AGP Data Transfer Rate

Enable this setting to utilize the 4X rate (twice as fast as2X) offered by advanced AGP cards. Your VGA card must support 4X rate in order to take advantage of the faster speed.

E. AGP Aperture Size

This function determines the amount of system memory that is given to the AGP card. Options range from 4MB to 128MB. This is a dynamic memory allotment in that the AGP card will only use the amount of memory that it needs. The remaining memory not in use will be available for the system to use. For example, if 16MB is alloted to the AGP card and the card only needs 8MB, the remaining 8MB will be available for system use.

F. Flash BIOS Protection

The mainboard manufacturer developed BIOS protection technology that protects the System BIOS from accidental corruption by unauthorized users or computer viruses. When enabled, the BIOS data cannot be changed when attempting to update BIOS with the FLASH utility. When disabled, the BIOS data can be updated by using the FLASH utility.

3-4 Integrated Peripherals

This section provides information on setting peripheral devices. By choosing the Integrated Peripherals option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard.
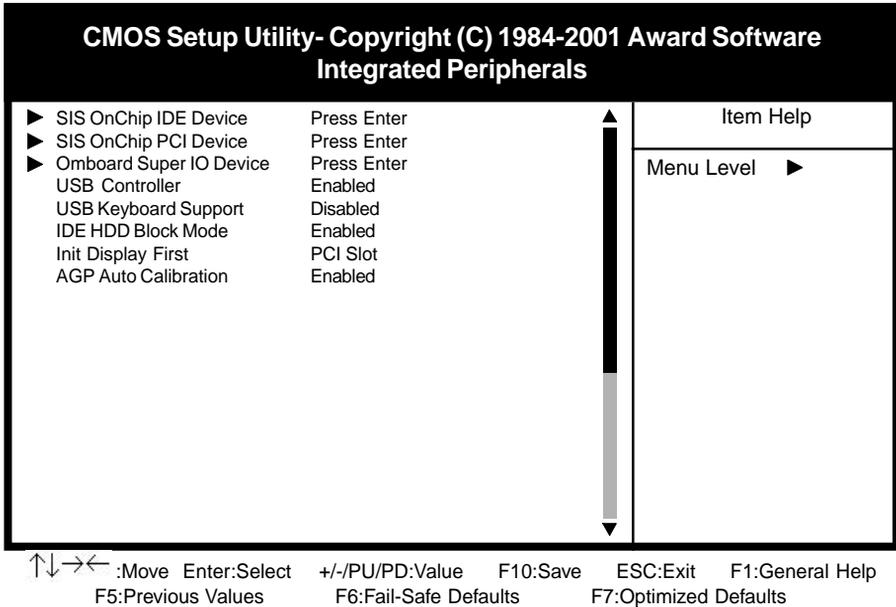
```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software
                   Integrated Peripherals

  ▶ SIS OnChip IDE Device        Press Enter       ▲          Item Help
  ▶ SIS OnChip PCI Device        Press Enter
  ▶ Omboard Super IO Device      Press Enter              Menu Level    ▶
    USB Controller               Enabled
    USB Keyboard Support         Disabled
    IDE HDD Block Mode           Enabled
    Init Display First           PCI Slot
    AGP Auto Calibration         Enabled




                                                  ▼

↑↓→← :Move  Enter:Select   +/-/PU/PD:Value   F10:Save    ESC:Exit   F1:General Help
       F5:Previous Values        F6:Fail-Safe Defaults      F7:Optimized Defaults
```

Figure 3-5 Integrated Peripherals Screen

A. *SIS OnChip IDE Device*

IDE Primary/Secondary Master/Slave PIO
The four IDE PIO (programmed Input/Output) fields let you set a PIO mode (0-4) for each IDE device that the internal PCI IDE interface supports. Modes 0 through 4 provide successively increased performance. In Auto mode, the system automatically determines the best mode for each device.

IDE HDD Block Mode
Block mode is also called block transfer, multiple commands, or multiple sector read/write. If your IDE hard drive supports block mode (most new drives do), select Enabled for automatic detection of the optimal number of block read/writes per sector the drive can support.

B. SIS OnChip PCI Device

The mainboard supports SIS-7012/7018 AC'97 CODEC and SIS-7013 S/W Modem device features. Select Enabled to use these functions, select Disabled to terminate these functions.

C. Super IO Device

Onboard FDC Controller

Select Enabled if your system has a floppy disk controller (FDC) installed on the system board and you wish to use it. If you install an add-in FDC or the system has no floppy drive, select Disabled in this field.

Com 2 Mode

This function allows you to select an operating mode for the second serial port. (**Standard** RS-232C serial port/**HPSIR** 1.0 specification/**ASKIR** 0.57-MB/sec infrared port)

Onboard Parallel Port

Select a logical LPT port address and corresponding interrupt for the physical parallel port.

Parallel Port Mode

Select an operating mode for the onboard parallel (printer) port. Select SPP unless you are certain your hardware and software support one of the other available modes.

D. USB Controller

Enable the on-board Universal Serial Bus (USB) controller if you want to connect a USB keyboard to your system. Note that if this setting is disabled, you can still temporarily use a USB keyboard during bootup so that you can enter BIOS and enable this setting. If you pass the bootup stage without enabling this function, your PS/2 keyboard will no longer work.

E. USB Keyboard Support

Select Enabled if your system has a USB keyboard installed on the system board. If your system has no USB keyboard, select Disabled in this field.

F. IDE HDD Block Mode

Block mode is also called block transfer, multiple commands, or multiple sector read/write. If your IDE hard drive supports block mode (most new drives do), select Enabled for automatic detection of the optimal number of block read/writes per sector the drive can support.

G. Init Display First

This function allows user to choose between AGP slot or VGA slot to initialize Display first .

3-5 Power Management Setup

This section provides information on the Green PC power management functions. By choosing the Power Management Setup option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard

CMOS Setup Utility- Copyright (C) 1984-2001 Award Software Power Management Setup		
		Item Help
ACPI function	Enabled	
ACPI Suspend Type	S1(POS)	Menu Level ▶
Video Off Option	Susp,Stby -> Off	
Video Off Method	DPMS Supported	
MODEM Use IRQ	3	
HDD Off After	Disabled	
Power Button Override	Instant Off	
▶ PM Wake Up Events	Press Enter	

↑↓→← :Move Enter:Select   +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
F5:Previous Values   F6:Fail-Safe Defaults   F7:Optimized Defaults
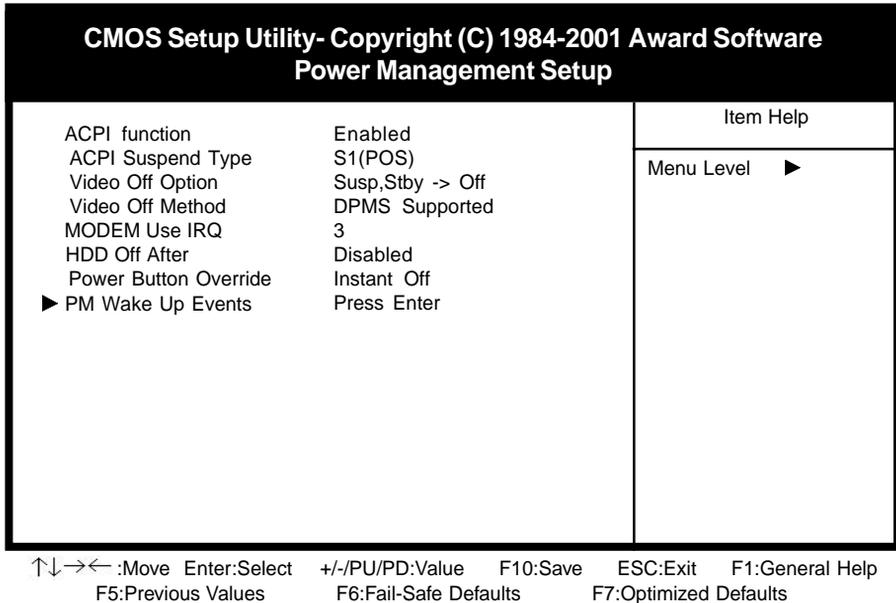
Figure 3-6 Power Management Setup Screen

A. Advanced Configuration Power Interface (ACPI)

ACPI management enables the operating system to control the amount of power given to each device attached to the computer. With ACPI, the operating system can turn off peripherals devices, such as CD-ROM players, when they are not in use.

B. Video Off Option

This setting allow you to selects the power-saving modes during which the monitor goes blank:

C. Video Off Method

This function serves as both a screen saver and power saver for monitors. See the next function, Video Off After, for setting the video timer.

Blank - BIOS will only blank the monitor's screen. The electricity saved in this mode is negligible and this function is only used as a screen saver to prevent screen damage while the screen is on but not in use.

V/H SYNC+Blank - The system turns off the vertical and horizontal synchronization ports, writes blanks to the VGA buffer and the monitor's electron gun turns off. This function requires a monitor with Green features in order to take advantage of the power saving function. If you enable this function and do not have a Green monitor, the result will be the same as if you had selected Blank. This function serves as both a screen saver and an electricity saver.

DPMS Supported - Select this option if your video card supports the Display Power Management Signaling (DPMS) standard (i.e., you have a monitor that supports Green features). Use software supplied by your video subsystem to set video power management options.

D. Modem Use IRQ

If your computer has an modem, use this function to tell BIOS which IRQ is being occupied by the modem card. When the system is in Green mode, the modem requires an IRQ assignment to wake up the system and perform tasks. This assignment is compliant with the APM 1.2 specification and is to be used in coordination with APM 1.2 compliant operating systems.

E. HDD Off After

When enabled and after the set time of system inactivity, the hard disk drive will be powered down while all other devices remain active.

F. Power Button Override

When set to Delay 4 Sec., this function allows the power button to put the system in Suspend, a power saving mode. See Section 2-4 for operation instructions of the override power button operation which puts the system in Suspend mode. When set to Instant-Off the Soft-Off by PWR-BTTN function is disabled and the computer turns completely off when the power button is pressed.

G. PM Wake Up Events

IRQ 8 Break Suspend

You can Enable or Disable monitoring of IRQ8 (the Real Time Clock) to awaken or not awaken the system from Suspend mode.

Power On By Modem

When enabled, a modem that receives a signal will wake up the system from soft off and green mode. You should connect the modem to the COM port and turn on the resume event in green mode.

Power On By PCI Card

When enabled, a PCI interface that receives a signal will wake up the system from soft off and green mode.

USB Port Wake Up Control

When enabled, all USB devices will resume event from suspend mode.

Power On Keyboard

When enabled, the system is able to be turned on by a PS2 keyboard hot key.

Power On By Alarm

When enabled, this setting allows the system to turn back on at a designated time of the month. User must designate date of month and time of day. This function is only available when using an ATX power supply and the Software Power-Off function to turn off the computer. See the Software Power-Off feature in Section 2-3 of this manual for instructions.

3-6 PNP/PCI Configuration

This section provides IRQ and DMA setting information. By choosing the PNP/ PCI Configuration option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard.

```
╔══════════════════════════════════════════════════════════════════════╗
║        CMOS Setup Utility- Copyright (C) 1984-2001 Award Software       ║
║                         PnP/PCI Configurations                         ║
╠══════════════════════════════════════════════╦═══════════════════════╣
║   Reset Configuration Data    Disabled        ║        Item Help      ║
║                                               ╟───────────────────────╢
║   Resources Controlled By     Auto(ESCD)      ║  Menu Level     ►     ║
║ X IRQ Resources               Press Enter     ║                       ║
║                                               ║                       ║
║    PCI/VGA Palette Snoop      Disabled        ║                       ║
║   Slot  1 Use IRQ No.         Auto            ║                       ║
║   Slot  2 Use IRQ No.         Auto            ║                       ║
║   Slot  3 Use IRQ No.         Auto            ║                       ║
║   FDD IRQ Can Be Free         Yes             ║                       ║
║                                               ║                       ║
║                                               ║                       ║
║                                               ║                       ║
║                                               ║                       ║
║                                               ║                       ║
╚══════════════════════════════════════════════╩═══════════════════════╝
```

↑↓→← :Move Enter:Select   +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
　　　　F5:Previous Values   F6:Fail-Safe Defaults   F7:Optimized Defaults

Figure 3-7 PnP/PCI Configurations Screen

A. Resources Controlled By

When set to Manual the system BIOS will not refer to the ESCD for IRQ & DMA information. Instead, it will refer to the items in the setup menu for assigning IRQ & DMA. When set to Auto the system BIOS will refer to the ESCD for all legacy information.

⚠ ESCD (Extended System Configuration Data) provides a detailed format of the configuration data structures stored in flash memory. Each data structure defines the resources used by a device or a card in the system. This includes legacy and PCI/ISA PnP devices.

B. FDD IRQ Can Be Free

This function allows user to choose if the FDD IRQ is able to be freed up. The default setting is Yes and this does not allow the IRQ to be free.

3-7 PC Health Status

By choosing the PC Health Status option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This field shows you the current system temperature/external voltages input and the current CPU FAN and System FAN operating speed.
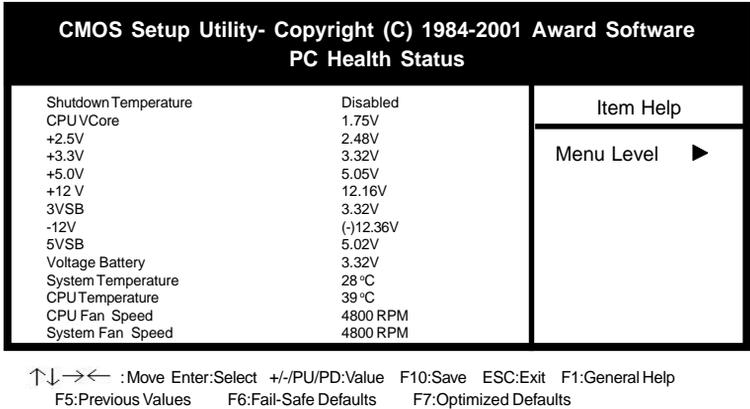
```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software
                      PC Health Status

  Shutdown Temperature         Disabled          Item Help
  CPU VCore                    1.75V
  +2.5V                        2.48V             Menu Level    ▶
  +3.3V                        3.32V
  +5.0V                        5.05V
  +12 V                        12.16V
  3VSB                         3.32V
  -12V                         (-)12.36V
  5VSB                         5.02V
  Voltage Battery              3.32V
  System Temperature           28 ℃
  CPU Temperature              39 ℃
  CPU Fan  Speed               4800 RPM
  System Fan  Speed            4800 RPM
```

↑↓→← :Move Enter:Select +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
F5:Previous Values   F6:Fail-Safe Defaults   F7:Optimized Defaults

Figure 3-8 PC Health Status Screen

3-8 Frequency/Voltage Control

By choosing the **Frequency/Voltage Control** option from the CMOS Setup Utility menu (Figure 3-1), the screen below is displayed. This sample screen contains the manufacturer's default values for the mainboard**.**
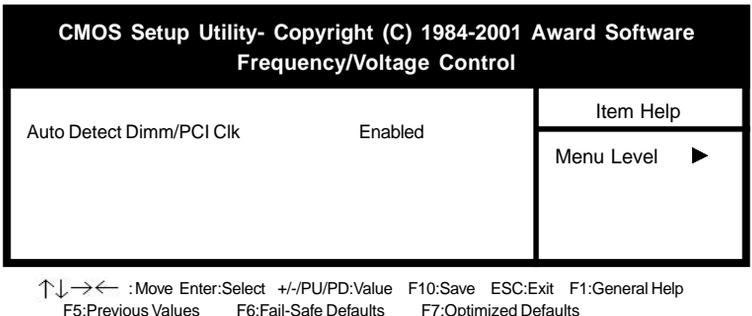
```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software
                  Frequency/Voltage Control

                                                 Item Help

  Auto Detect Dimm/PCI Clk        Enabled        Menu Level    ▶
```

↑↓→← :Move Enter:Select +/-/PU/PD:Value   F10:Save   ESC:Exit   F1:General Help
F5:Previous Values   F6:Fail-Safe Defaults   F7:Optimized Defaults

Figure 3-9   Frequency/Voltage Control Screen

A. Auto Detect DIMM/PCI Clk

When Enabled this function will automatically detect your DIMM/PCI clock speed.

3-9 Load Fail-Safe Defaults

Load Fail-Safe Defaults loads the default BIOS values directly from the CMOS Setup Utility menu (Figure3-1). If the stored record created by the setup program becomes corrupted and therefore unusable, these defaults will be loaded automatically when you turn on the computer.

```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software

 ▶ Standard CMOS Features            ▶Frequency/Voltage Control
 ▶ Advanced BIOS Features             Load Fail-Safe Defaults
 ▶ Advanced Chipset Features          Load Optimized Defaults
 ▶ Integrated Peripherals             Set Supervisor Password
 ▶ Power Management Setup             Set User Password
 ▶ PnP/PCI Configur                              Setup
                       Load Fail-Safe Defaults (Y/N) ? N
 ▶ PC Health Status                              Saving

 Esc    : Quit
 F10  : Save & Exit Setup        ↑↓→←      : Select Item

                    Load Fail-Safe Defaults
```

Figure 3-10 Load Fail-Safe Defaults Screen

3-10 Load Optimized Defaults

Load Optimized Defaults loads the default system values directly from the CMOS Setup Utility menu (Figure3-1). If the stored record created by the setup program becomes corrupted and therefore unusable, these defaults will be loaded automatically when you turn on the computer.
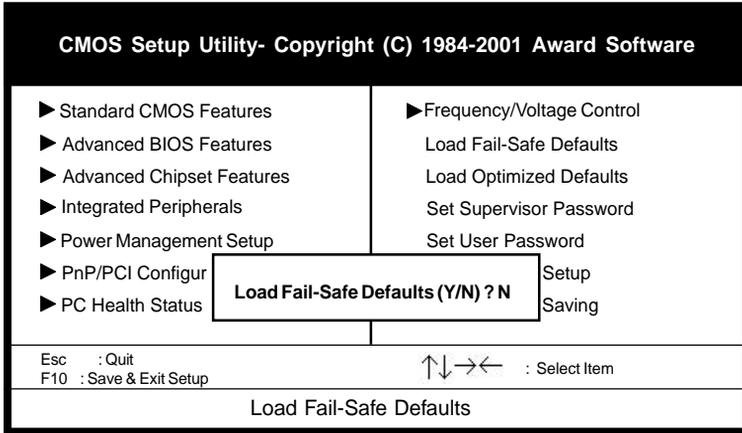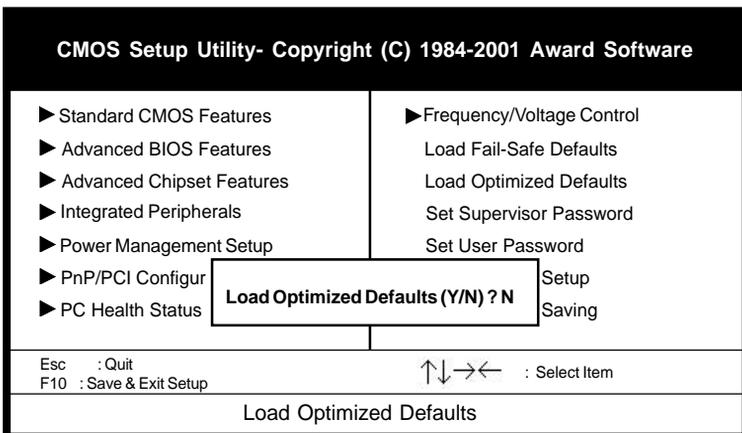
```
CMOS Setup Utility- Copyright (C) 1984-2001 Award Software

 ▶ Standard CMOS Features            ▶Frequency/Voltage Control
 ▶ Advanced BIOS Features             Load Fail-Safe Defaults
 ▶ Advanced Chipset Features          Load Optimized Defaults
 ▶ Integrated Peripherals             Set Supervisor Password
 ▶ Power Management Setup             Set User Password
 ▶ PnP/PCI Configur                              Setup
                       Load Optimized Defaults (Y/N) ? N
 ▶ PC Health Status                              Saving

 Esc    : Quit
 F10  : Save & Exit Setup        ↑↓→←      : Select Item

                    Load Optimized Defaults
```

Figure 3-11 Load Optimized Defaults Screen

3-11 Supervisor Password & User Password Setting

There are four different variables that control password settings. The first two are located under the Security Option function in BIOS Features Setup Menu (Figure 3-1). When the Security Option function is set to Setup, a password is required to enter BIOS and change BIOS settings. When the Security Option function is set to System, a password is required to enter both BIOS and the computer's operating system (for example Windows 98) found on the boot drive.

The third and fourth variables are user password and supervisor password selected in BIOS (Figure 3-1). The main purpose of separating user and supervisor is to allow only the supervisor to have control over the settings in BIOS. The user, on the other hand, is only allowed to access the computer's operating system and change the user password in BIOS. Note that when there is no supervisor password set, the user password controls access to all BIOS settings.

3-12 Save and Exit Setup

If you select this and type Y (for yes) followed by the [Enter] key, the values entered in the setup utilities will be recorded in the CMOS memory of the BIOS chip.

3-13 Exit Without Saving

Selecting this option and pressing Y followed by the [Enter] key lets you exit the Setup program without recording any new values or changing old ones.