RADAR 24 MOTHERBOARD CMOS SETUP

MSI 945P NEO5 MOTHERBOARD CMOS SETUP

Immediately after the memory test, press DELETE to enter **CMOS SETUP**. (This must be done on a PC keyboard connected on the back of the RADAR or CYCLE on KC24).

1   Select **LOAD FAIL-SAFE DEFAULTS**, press ENTER on **OK** to load the defaults.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	**>LOAD FAIL-SAFE DEFAULTS**
>INTEGRATED PERIPHERALS	>LOAD OPTIMIZED DEFAULTS
>POWER MANAGEM **LOAD FAIL-SAFE DEFAULTS**	PASSWORD
>PNP/PCI CONFIGU **OK Cancel**	SETUP
>H/W MONITOR	T SAVING

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

2   a) Select **STANDARD CMOS FEATURES**, press ENTER.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS	>LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT	>BOIS SETTING PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>H/W MONITOR	>EXIT WITHOUT SAVING

b) Make the following changes:

- **DATE (MM:DD:YY)** to current date.

- **TIME (HH:MM:SS)** to current time.

Date (mm:dd:yy)	**[WED 07/04/2007]**
Time (hh:mm:ss)	**[11:31:12]**
>IDE Primary Master	Not Detected
>IDE Primary Slave	Not Detected
>IDE Secondary Master	Not Detected
>IDE Secondary Slave	Not Detected
>IDE Third Master	**[Hard Disk]**
>IDE Third Slave	**[ATAPI CDROM]**
Floppy Drive A	[1.44M, 3.5]
>System Information	[Press Enter]

c) Press ESC to exit.

3 a) Select **ADVANCED BIOS FEATURES**, press ENTER.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS	>LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT	>BOIS SETTING PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>H/W MONITOR	>EXIT WITHOUT SAVING

b) Make the following changes:

- **FULL SCREEN LOGO DISPLAY** to **DISABLED**.

- Select **BOOT SEQUENCE**, press ENTER .

```
Boot Sector Protection          [Enabled]
Full Screen Logo Display        [Disabled]
Quick Boot                      [Enabled]
Boot Up Num-lock LED            [ON]
IOAPIC Function                 [Enabled]
MPS Table Version               [1.4]
>CPU Feature                    [Press Enter]
>Chipset                        [Press Enter]
>Boot Sequence                  [Press Enter]
```

c) Change boot sequence to:

- **1ST BOOT DEVICE** to **HDD-0**.

- **2ND BOOT DEVICE** to **CD/DVD**.

- **3RD BOOT DEVICE** to **1ST FLOPPY DRIVE**.

```
Boot Sequence

1st Boot Device     [HDD : Model # System]
2nd Boot Device     [CD/DVD : Model # of Backup Drive]
3rd Boot Device     [1st Floppy Drive]
```

d) Press ESC , and ESC again to exit.

4   a) Select **INTEGRATED PERIPHERALS**, press ENTER.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS	>LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT	>BOIS SETTING PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>H/W MONITOR	>EXIT WITHOUT SAVING

b) Change **HD AUDIO CONTROLLER** to **DISABLED**

USB Controller	[Enabled]
USB Device Legacy Support	[Enabled]
Onboard LAN Controller	[Enabled]
LAN Option ROM	[Disabled]
HD Audio Controller	**[Disabled]**
>ON-Chip ATA Devices	[Press Enter]
>I/O Devices	[Press Enter]

c) Press ESC to exit.

5   a) Select **POWER MANAGEMENT**, press ENTER.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS	>LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT	>BOIS SETTING PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>H/W MONITOR	>EXIT WITHOUT SAVING

b) Make the following changes:

- **POWER BUTTON FUNCTION** to **SUSPEND**.

- **RESTORE ON POWER LOSS** to **LAST STATE**.

```
ACPI Function                [Enabled]
ACPI Standby State           [S1]
Suspend Time Out(minute)     [Disabled]
Power Button Function        [Suspend]
Restore on AC Power Loss     [Last State]
>Wake Up Event Setup         [Press Enter]
```

c) Press ESC to exit.

6 Select **SAVE & EXIT SETUP**, press ENTER , Y , ENTER to save and boot RADAR.

```
>STANDARD CMOS FEATURES        >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES        >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED          SAVE AND EXIT SETUP (Y/N)?   ZED DEFAULTS
>POWER MAN                                        G PASSWORD
>PNP/PCI CONFIGURATIONS        >SAVE & EXIT SETUP
>H/W  MONITOR                  >EXIT WITHOUT SAVING
```

End of CMOS setup for MSI 945P Neo5 Motherboard.

CMOS SETUP FOR DFI CA64-TC MOTHERBOARD ————————————

Immediately after the memory test, press DELETE to enter **CMOS SETUP**. (This must be done on a PC keyboard connected on the back of the RADAR or CYCLE on KC24).

1 Choose **LOAD OPTIMIZED DEFAULTS**, press ENTER , Y , ENTER to load the defaults.

>STANDARD CMOS FEATURES >ADVANCED BIOS FEATURES >ADVANCED CHIPSET FEATURES >INTEGRATED PERIPHERALS >POWER MANAGEMENT >PNP/PCI CONFIGURATIONS >PC HEALTH STATUS	>FREQUENCY/VOLTAGE CONTROL >LOAD FAIL-SAFE DEFAULTS **>LOAD OPTIMIZED DEFAULTS** PASSWORD RD >SAVE & EXIT SETUP >EXIT WITHOUT SAVING

LOAD OPTIMIZED DEFAULTS (Y/N)?

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

2 a) Select **STANDARD CMOS FEATURES**, press ENTER .

>STANDARD CMOS FEATURES >ADVANCED BIOS FEATURES >ADVANCED CHIPSET FEATURES >INTEGRATED PERIPHERALS >POWER MANAGEMENT >PNP/PCI CONFIGURATIONS >PC HEALTH STATUS	>FREQUENCY/VOLTAGE CONTROL >LOAD FAIL-SAFE DEFAULTS >LOAD OPTIMIZED DEFAULTS >SET SUPERVISOR PASSWORD >SET USER PASSWORD >SAVE & EXIT SETUP >EXIT WITHOUT SAVING

b) Make the following changes:

- **DATE (MM:DD:YY)** to current date.

- **TIME (HH:MM:SS)** to current time.

- **HALT ON** to **NO ERRORS**.

c) Press ESC to exit.

3 a) Select **ADVANCED BIOS FEATURES**, press ENTER.

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **FIRST BOOT DEVICE** to **HDD-0**.

- **SECOND BOOT DEVICE** to **FLOPPY**.

- **THIRD BOOT DEVICE** to **DISABLED**.

- **BOOT OTHER DEVICE** to **DISABLED**.

- **BOOT UP FLOPPY SEEK** to **DISABLED**.

Virus Warning	Disabled
CPU Internal Cache	Enabled
External Cache	Enabled
CPU L2 Cache ECC Checking	Disabled
Processor Number Feature	Enabled
Quick Power on Self Test	Enabled
First Boot Device	**HDD-0**
Second Boot Device	**Floppy**
Third Boot Device	**Disabled**
Boot Other Device	**Disabled**
Swap Floppy Drive	Disabled
Boot Up Floppy Seek	**Disabled**
Boot Up Numlock Status	ON
Gate A20 Option	Normal
Typematic Rate Setting	Disabled
Typematic Rate (Chars/sec)	6
Security Option	Setup
OS Select for DRAM >64MB	NON-OS2

c) Press ESC to exit.

4 a) Select **ADVANCED CHIPSET FEATURES**, press ENTER.

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **DRAM CLOCK** to **HOST CLK**.

- **USB KEYBOARD SUPPORT** to **ENABLED**.

```
DRAM Timing               Fast
SDRAM Cycle Length        3
DRAM Clock                Host CLK
Memory Hole               Disabled
P2C/C2P Concurrency       Enabled
Fast R-W Turn Around      Enabled
AGP Aperture Size         64M
AGP-4X Mode               Enabled
AGP Fast Write            Disabled
OnChip USB                Enabled
USB Keyboard Support      Enabled
CPU to PCI Write Buffer   Enabled
PCI Dynamic Bursting      Enabled
PCI Master 0 WS Write     Enabled
PCI Delay Transaction     Enabled
```

c) Press ESC to exit.

5 a) Select **INTEGRATED PERIPHERALS**, press ENTER .

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Change **ONBOARD LEGACY AUDIO** to **DISABLED**.

```
...
ECP Mode Uses DMA         3
Parallel Port EPP Type    EPP 1.9
OnChip Sound              Enabled
Onboard Legacy Sound      Disabled
Sound Blaster             Disabled
SB I/O Base Address       220H
SB IRQ Select             IRQ 5
```

c) Press ESC to exit.

6 a) Select **PNP/PCI CONFIGURATIONS**, press ENTER.

>STANDARD CMOS FEATURES >ADVANCED BIOS FEATURES >ADVANCED CHIPSET FEATURES >INTEGRATED PERIPHERALS >POWER MANAGEMENT **>PNP/PCI CONFIGURATIONS** >PC HEALTH STATUS	>FREQUENCY/VOLTAGE CONTROL >LOAD FAIL-SAFE DEFAULTS >LOAD OPTIMIZED DEFAULTS >SET SUPERVISOR PASSWORD >SET USER PASSWORD >SAVE & EXIT SETUP >EXIT WITHOUT SAVING

b) Make the following changes:

- **RESOURCES CONTROLLED BY** to **MANUAL**.

- Select **IRQ RESOURCES** and press ENTER.

c) Change **IRQ-5 ASSIGNED TO**, **LEGACY ISA**.

d) Press ESC to exit.

7   Select **SAVE & EXIT SETUP**, press ENTER , Y , ENTER to save and boot RADAR.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>ADVANCED CHIPSET FEATURES	>LOAD OPTIMIZED DEFAULTS
>INTEGRATED PE **SAVE AND EXIT SETUP (Y/N)?** R PASSWORD	
>POWER MANAGEMENT	>SET USER PASSWORD
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>PC HEALTH STATUS	**>EXIT WITHOUT SAVING**

END of CMOS setup for DFI CA64-TC motherboard.

CMOS SETUP FOR EPOX EP-3VWB MOTHERBOARD ——————

Immediately after the memory test, press DELETE to enter **CMOS SETUP**. (This must be done on a PC keyboard connected on the back of the RADAR or CYCLE on KC24).

1   Select **LOAD OPTIMIZED DEFAULTS**, press ENTER , Y , ENTER to load the defaults.

>STANDARD CMOS FEATURES	>FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES	>LOAD FAIL-SAFE DEFAULTS
>ADVANCED CHIPSET FEATURES	**>LOAD OPTIMIZED DEFAULTS**
>INTEGRATED P **LOAD OPTIMIZED DEFAULTS (Y/N)?** ASSWORD	
>POWER MANAGEMENT	SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING
Esc : Quit	↑ ↓ → ← : Select Item
F10 : Save & Exit Setup	

2   a) Select **STANDARD CMOS FEATURES**, press ENTER .

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **DATE (MM:DD:YY)** to current date.

- **TIME (HH:MM:SS)** to current time.

- **HALT ON** to **NO ERRORS**.

```
Date (mm:dd:yy)          Tues. April 29, 200X
Time (hh:mm:ss)          2 : 11 : 47

>IDE Primary Master      Model # of system drive
>IDE Primary Slave       None
>IDE Secondary Master    Model # of backup device
>IDE Secondary Slave     None

Drive A                  1.44M, 3.5
Drive B                  None

Video                    EGA/VGA
Halt On                  No Errors

Base Memory              640K
```

c) Press ESC to exit.

3 a) Select **ADVANCED BIOS FEATURES**, press ENTER .

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **FIRST BOOT DEVICE** to **HDD-0**.

- **SECOND BOOT DEVICE** to **FLOPPY**.

- **THIRD BOOT DEVICE** to **DISABLED**.

- **BOOT OTHER DEVICE** to **DISABLED**.

Virus Warning	Disabled
CPU Internal Cache	Enabled
External Cache	Enabled
CPU L2 Cache ECC Checking	Disabled
Processor Number Feature	Enabled
Quick Power on Self Test	Enabled
First Boot Device	**HDD-0**
Second Boot Device	**Floppy**
Third Boot Device	**Disabled**
Boot Other Device	**Disabled**
Swap Floppy Drive	Disabled
Boot Up Floppy Seek	Enabled
Boot Up Numlock Status	ON
Gate A20 Option	Normal
Typematic Rate Setting	Disabled
Typematic Rate (Chars/sec)	6
Security Option	Setup
OS Select for DRAM >64MB	NON-OS2

c) Press ESC to exit.

4 a) Select **ADVANCED CHIPSET FEATURES**, press ENTER.

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

● **VIDEO RAM CACHEABLE** to **DISABLED**.

● **USB KEYBOARD SUPPORT** to **ENABLED**.

Bank 0/1 DRAM Timing	SDRAM Fast
Bank 2/3 DRAM Timing	SDRAM Fast
SDRAM Cycle Length	3
Bank Interleave	Disabled
Memory Hole	Disabled
P2C/C2P Concurrency	Enabled
Fast R-W Turn Around	Disabled
System BIOS Cacheable	Disabled
Video RAM Cacheable	**Disabled**
Frame Buffer Size	8M
AGP Aperture Size	64M
OnChip USB	Enabled
OnChip USB 2	Enabled
USB Keyboard Support	**Enabled**
OnChip Sound	Enabled
OnChip Modem	Disabled
CPU to PCI Write Buffer	Enabled
PCI Dynamic Bursting	Enabled
PCI Master 0 WS Write	Enabled

c) Press ESC to exit.

5 a) Select **INTEGRATED PERIPHERALS**, press ENTER.

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **SOUND BLASTER** to **ENABLED**.

- **SB IRQ** Select to **IRQ 10**.

```
...
...
Onboard Parallel Port          378/IRQ7
Onboard Parallel Mode          ECP/EPP
ECP Mode Uses DMA              3
Parallel Port EPP Type         EPP 1.9
Onboard Legacy Audio           Enabled
Sound Blaster                  Enabled
SB I/O Base Address            220H
SB IRQ Select                  IRQ 10
SB DMA Select                  DMA 1
MPU-401                        Disabled
```

c) Press ESC to exit.

6 a) Select **PNP/PCI CONFIGURATIONS**, press ENTER.

>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	>SET USER PASSWORD
>PNP/PCI CONFIGURATION	>SAVE & EXIT SETUP
>PC HEALTH STATUS	>EXIT WITHOUT SAVING

b) Make the following changes:

- **RESOURCES CONTROLLED BY** to **MANUAL**.

- Select **IRQ RESOURCES** and press [ENTER].

```
PNP OS Installed              No
Reset Configuration Data      Disabled

Resources Controlled By       Manual
>IRQ Resources                Press Enter
>DMA Resources                Press Enter

PCI/VGA Palette Snoop         Disabled
Assign IRQ For VGA            Enabled
Assign IRQ For USB            Enabled
```

c) Change **IRQ-5 ASSIGNED TO**, **LEGACY ISA**, press [ESC].

```
IRQ-3     Assigned to     PCI/ISA PnP
IRQ-4     Assigned to     PCI/ISA PnP
IRQ-5     Assigned to     Legacy ISA
IRQ-7     Assigned to     PCI/ISA PnP
IRQ-9     Assigned to     PCI/ISA PnP
IRQ-10    Assigned to     PCI/ISA PnP
```

d) Press [ESC] to exit.

7 Select **SAVE & EXIT SETUP**, press [ENTER], [Y], [ENTER] to save and boot RADAR.

```
>STANDARD CMOS FEATURES          >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES          >LOAD FAIL-SAFE DEFAULTS
>ADVANCED CHI         SAVE AND EXIT SETUP (Y/N)?      D DEFAULTS
>INTEGRATED PE                                  R PASSWORD
>POWER MANAGEMENT                 >SET USER PASSWORD
>PNP/PCI CONFIGURATION            >SAVE & EXIT SETUP
>PC HEALTH STATUS                 >EXIT WITHOUT SAVING
```

END of CMOS setup for Epox EP-3VWB+ motherboard.

CMOS SETUP FOR GIGABYTE MOTHERBOARD ——————————————

Immediately after the memory test, press ⬛DELETE to enter **CMOS SETUP**. (This must be done on a PC keyboard connected on the back of the RADAR or ⬛CYCLE on KC24).

1 Select **LOAD PERFORMANCE DEFAULTS**, press ⬛ENTER, ⬛Y, ⬛ENTER to load the defaults.

```
>STANDARD CMOS FEATURES          >INTEGRATED PERIPHERALS
>BIOS FEATURES SETUP             >SUPERVISOR PASSWORD
>CHIPSET FEATURES SETUP          >USER PASSWORD
>POWER MAN  LOAD PERFORMANCE  DEFAULTS (Y/N)?  ECTION
>PNP/PCI CONFIGURATIONS          >SAVE & EXIT SETUP
>LOAD BIOS DEFAULTS              >EXIT WITHOUT SAVING
>LOAD PERFORMANCE DEFAULTS

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

2 a) Select **STANDARD CMOS FEATURES**, press ⬛ENTER.

```
>STANDARD CMOS FEATURES          >INTEGRATED PERIPHERALS
>BIOS FEATURES SETUP             >SUPERVISOR PASSWORD
>CHIPSET FEATURES SETUP          >USER PASSWORD
>POWER MANAGEMENT SETUP          >IDE HDD AUTO DETECTION
>PNP/PCI CONFIGURATIONS          >SAVE & EXIT SETUP
>LOAD BIOS DEFAULTS              >EXIT WITHOUT SAVING
>LOAD PERFORMANCE DEFAULTS
```

b) Make the following changes:

- **DATE (MM:DD:YY)** to current date.

- **TIME (HH:MM:SS)** to current time.

```
Date (mm:dd:yy)          Tues. April 29, 200X
Time (hh:mm:ss)          2 : 11 : 47

>IDE Primary Master      Model # of system drive
>IDE Primary Slave       None
>IDE Secondary Master    Model # of backup device
>IDE Secondary Slave     None

Drive A                  1.44M, 3.5
Drive B                  None

Video                    EGA/VGA
Halt On                  No Errors
```

c) Press ESC to exit.

3 a) Select **BIOS FEATURES SETUP**, press ENTER.

>STANDARD CMOS FEATURES	>INTEGRATED PERIPHERALS
>BIOS FEATURES SETUP	>SUPERVISOR PASSWORD
>CHIPSET FEATURES SETUP	>USER PASSWORD
>POWER MANAGEMENT SETUP	>IDE HDD AUTO DETECTION
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>LOAD BIOS DEFAULTS	>EXIT WITHOUT SAVING
>LOAD PERFORMANCE DEFAULTS	

b) Change **BOOT SEQUENCE** to **C, A, SCSI**.

```
Virus Warning                    Disabled
Processor Number Feature         Enabled
Boot From LAN First              Disabled
Boot Sequence                    C,A,SCSI
VGA Boot From                    AGP
Boot Up Floppy Seek              Enabled
Boot Up Numlock Status           ON
Memory Parity Check              Disabled
Typematic Rate Setting           Disabled
Typematic Rate (Chars/sec)       6
Typematic Delay (Msec)           250
Security Option                  Setup
PCI/VGA Palette Snoop            Disabled
Assign IRQ for VGA               Enabled
HDD S.M.A.R.T. Compatibility     Disabled
Report No FDD for Win 95         No
```

c) Press ESC to exit.

4 a) Select **PNP/PCI CONFIGURATION**, press ENTER .

>STANDARD CMOS FEATURES	>INTEGRATED PERIPHERALS
>BIOS FEATURES SETUP	>SUPERVISOR PASSWORD
>CHIPSET FEATURES SETUP	>USER PASSWORD
>POWER MANAGEMENT SETUP	>IDE HDD AUTO DETECTION
>PNP/PCI CONFIGURATIONS	>SAVE & EXIT SETUP
>LOAD BIOS DEFAULTS	>EXIT WITHOUT SAVING
>LOAD PERFORMANCE DEFAULTS	

b) Make the following changes:

- **RESOURCES CONTROLLED BY** to **MANUAL**.

- **IRQ-5 ASSIGNED TO**, **LEGACY ISA**.

PNP OS Installed   No
Resources Controlled By   **Manual**
Reset Configuration Data   Disabled

IRQ-3   Assigned to   PCI/ISA PnP
IRQ-4   Assigned to   PCI/ISA PnP
IRQ-5   **Assigned to**   **Legacy ISA**
IRQ-7   Assigned to   PCI/ISA PnP
IRQ-9   Assigned to   PCI/ISA PnP
IRQ-10   Assigned to   PCI/ISA PnP

c) Press ESC to exit.

5 Select **SAVE & EXIT SETUP**, press ENTER, Y, ENTER to save and boot RADAR.

>STANDARD CMOS FEATURES	>INTEGRATED PERIPHERALS
>BIOS FEATURES SETUP	>SUPERVISOR PASSWORD
>CHIPSET FEAT... **SAVE AND EXIT SETUP (Y/N)?** ...RD	
>POWER MANAG...	>IDE HDD AUTO DETECTION
>PNP/PCI CONFIGURATIONS	**>SAVE & EXIT SETUP**
>LOAD BIOS DEFAULTS	>EXIT WITHOUT SAVING
>LOAD PERFORMANCE DEFAULTS	

END of CMOS setup for Gigabyte GA-6VA7+ motherboard.