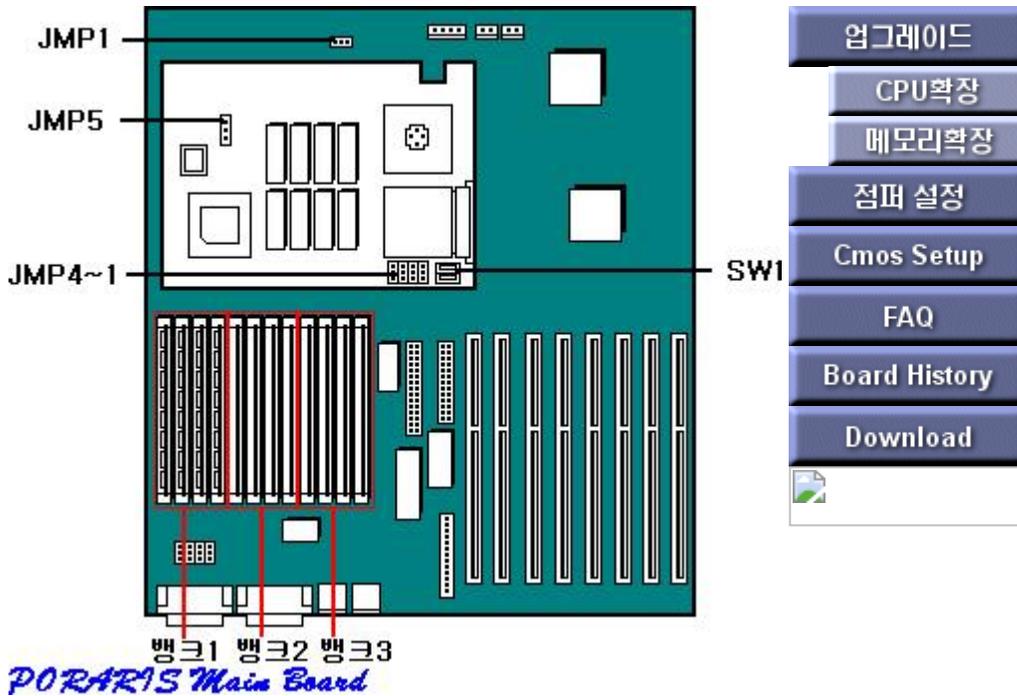


## POLARIS Main Board



## POLARIS Motherboard Features

EISA Bus Clock Selection (SW1)

CPU settings (JMP1 on module)

Cache memory settings (JMP2, JMP3, JMP4)

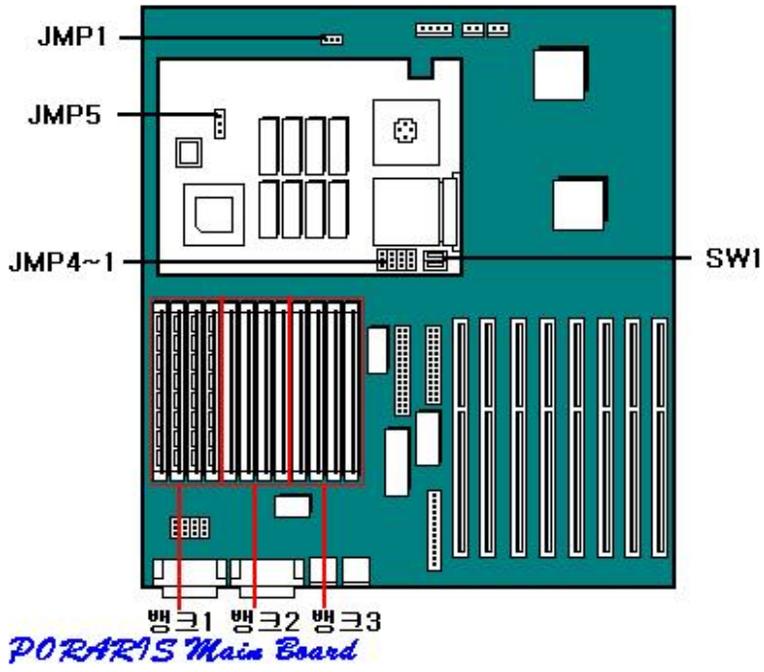
PASSWORD setting (JMP1 on motherboard)

CPU clock setting (JMP5): See No. 4 DISPLAY MAIN BOARD HELP menu on the System Setup screen

Support CPU: 80486DX2-50MHz, 80486DX2-66MHz

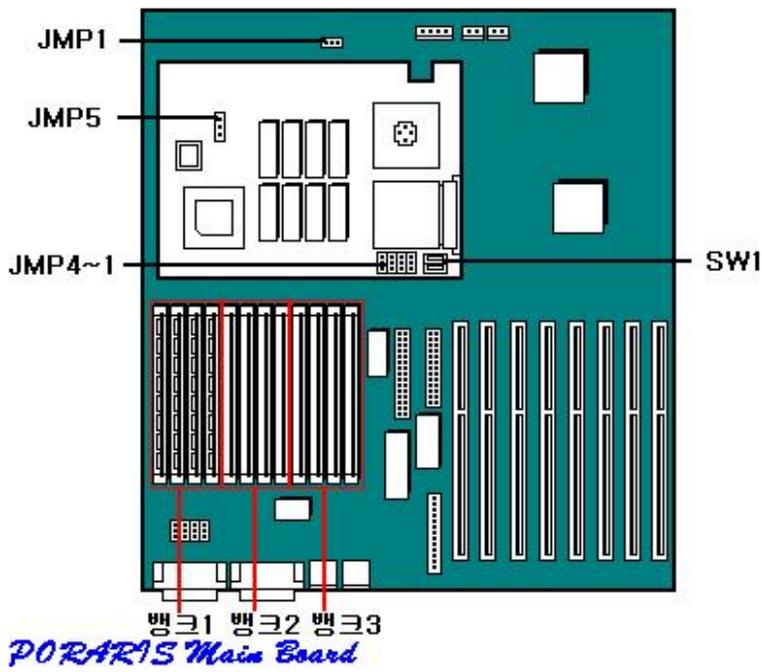
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# POLARIS CPU



	CPU	jumper
CPU settings (JMP1 on module)	80486SX	1-2
	80486DX	2-3

## POLARIS Jumper Settings



CPU settings (JMP1 on module)	CPU	jumper			
	80486SX	1-2			
	80486DX	2-3			
PASSWORD setting (Motherboard JMP1)	Password	jumper			
	use	2-3			
	not used	1-2			
cache memory settings	cache memory size	JMP2	JMP3	JMP4	cacheable memory
	64KB	1-2	1-2	2-3	32MB
	256KB	2-3	2-3	2-3	128MB
EISA bus clock setting (SW1)	EBC clock	1		2	
	DX2/66, DX/33	ON		OFF	
	DX2/50, DX/25	OFF		OFF	

## POLARIS memory setting

cache memory settings 64 KB or 256 KB used

### Main memory (4MB standard installed on motherboard)

Volume	1 MB, 4 MB (available)
total capacity	Expandable to 52MB

How to install

memory size	Bank 0 (installed by default)	Bank 1 (SIMM1)	Bank 2 (SIMM2)	Bank 3 (SIMM3)
4M	1M*4	--	--	--
8M	1M*4	1M*1	--	--
12M	1M*4	1M*4	1M*4	--
16M	1M*4	1M*4	1M*4	1M*4
20M	1M*4	4M*4	--	--
24M	1M*4	1M*4	4M*4	--
	1M*4	4M*4	1M*4	--
28M	1M*4	1M*4	4M*4	1M*4
	1M*4	4M*4	1M*4	1M*4
36M	1M*4	4M*4	4M*4	--
40M	1M*4	1M*4	4M*4	4M*4
	1M*4	4M*4	4M*4	1M*4
52M	1M*4	4M*4	4M*4	4M*4

# POLARIS Main B/D CMOS SETUP

## use key

Enter or 1 ~ 8	Execute
arrow keys	Select
Esc	Save & Exit

## Press the DEL key during booting

Level 1	Step 2	Step 3	selection option
<b>1 . STRAT OPERATING SYSTEM</b>		System reboot progress	
<b>2 . RUN CMOS SETUP</b>		Execute setup screen	
	Date(mm/dd/yy)	:Wed, Sep 21 1997	date
	Time(hour/min/sec)	:10:22:19	hour
	Floppy drive A	:1.2 MB, 5 1/4	Not..., 360KB 5 1/4, 1.2MB 5 1/4 720KB 3 1/2, 1.44MB 3 1/2
	Floppy drive B	:1.44 MB, 3 1/2	Not..., 360KB 5 1/4, 1.2MB 5 1/4, 720KB 3 1/2, 1.44MB 3 1/2
	Hard disk C: Type	:32	
	Hard disk D: type	:Not Installed	
	Primary display	:VGA/PGA/EGA	VGA/PGA/EGA, Mono..., Color 40x25, Color 80x25, Not Installed
	System speed	:Fast	Fast/Slow
	Boot sequence	:A: then C:	A: then C:/C: only
	Floppy seek test	:Enabled	Disabled/enabled
	base memory	:xxx KB	
	Ext. memory	:xxxx KB	
	Coprocessor	:Installed	
	<b>[640KB - 1MB setup]</b>		
	BIOS	:BIOS ROM is always used in shadow	
	Video	:Specify use of Video ROM as shadow area	
	<b>[Cache setup]</b>		
	Local memory	: Specifies whether to use cache for areas other than areas such as BIOS and Video BIOS	
	Video	: Specifies whether to use the cache in the video BIOS area.	
	<b>[Keyboard setup]</b>		
	Test	Enabled/Disabled Keyboard Check/Do Not Check	
	NumLock	Specifies whether to use On/OFF NumLok	
	Key rate	2 to 30, characters per second, list of display characters	
	Key Delay	The time a character is displayed on the screen, unit sec	
	<b>[Peripherals setup]</b>		
	Parallel	: LPT Port designation on the main board	
	Serial	: Designate the COM Port on the main board	
	PS/2 Mouse	: Specify whether to use PS/2 Mouse	
	On-B/D FDC	: Designate Disable when connecting FDD to an external card	
	IDE HDCs	: Designate Disable when connecting HDD to external card	
<b>3 . RUN PASSWORDS</b>		password setting	
	Password state	:Not Installed	Not../New../Installed
	Hot key state	:Not Installed	Not../New../Installed
<b>4 . DISPLAY MAIN BOARD HELP</b>		DIP switch, jumper, HDD capacity and type, memory bank composition, and cache memory information display	
<b>5 . LOAD DEFAULT VALUES TO CMOS</b>		'CMOS SETUP'과 'CMOS PASSWORD SETUP'이 초기값으로 변경.	
<b>6. WRITE(SAVE) TP CMOS AND EXIT</b>		현재 설정된 셋업 내용을 저장하고 재부팅	
<b>7. DO NOT WRITE TO CMOS AND EXIT</b>		현재 설정된 셋업 내용을 저장하지 않고 재부팅	