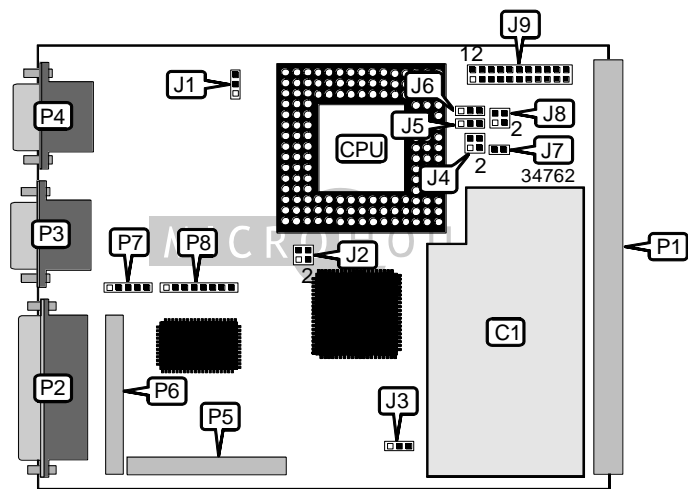


GESPAC
GESSBS-40

Device Type	Mainboard
Processor	68040
Processor Speed	33MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	None
Maximum Video Memory	None
Cache	Unidentified
BIOS	Unidentified
Dimensions	160mm x 100mm
I/O Options	Serial ports (2), G-96 bus interface, I/O interface connector, XSB local expansion submodule buses (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Multi processor module	C1	Serial port 1	P4
G-96 bus interface	P1	XSB local expansion submodule bus	P5
I/O interface connector	P2	XSB local expansion submodule bus	P6
Serial port 2	P3	Reset/abort switch	P7

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GES PAC

GE S S B S - 4 0

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
EPROM size select 64K x 16 or 128K x 16	J1	Pins 1 & 2 closed
EPROM size select 256K x 16	J1	Pins 2 & 3 closed
RTC battery disabled	J2	Pins 1 & 4 closed
RTC battery enabled	J2	Pins 2 & 3 closed
Cache enabled	J4/pins 1 & 4	Open
Cache disabled	J4/pins 1 & 4	Closed
PNMU enabled	J4/pins 2 & 3	Open
PNMU disabled	J4/pins 2 & 3	Closed
Base address select for dual ported RAM < 32MB	J5	Pins 1 & 2 closed
Base address select for dual ported RAM > 32MB	J5	Pins 2 & 3 closed
SYSCLK speed select CPU = SYSCLK	J6	Pins 1 & 2 closed
SYSCLK speed select CPU = SYSCLK/2	J6	Pins 2 & 3 closed
External cache access enabled	J7	Open
External cache access disabled	J7	Closed
Enable & SYSCLK and BGRT driven	J8	Pins 2 & 3 closed
Enable & SYSCLK and BGRT not driven	J8	Open
í Factory configured - do not alter	P8	Unidentified

DUAL PORTED RAM-BASE ADDRESS SELECTION	
Address	J9
A21	Pins 11 & 12 closed
A22	Pins 10 & 13 closed
A23	Pins 9 & 14 closed
A24	Pins 8 & 15 closed
A25	Pins 7 & 16 closed
A26	Pins 6 & 17 closed
A27	Pins 5 & 18 closed
A28	Pins 4 & 19 closed
A29	Pins 3 & 20 closed
A30	Pins 2 & 21 closed
A31	Pins 1 & 22 closed

STANDBY BATTERY POWER SELECTION	
Setting	J3
From P1-29b (+Vbatt bus line)	Pin 1
To MAX696 power supply supervisor chip	Pin 2
From local battery	Pin 3
Note: Location of LEDs is unidentified.	

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GES PAC
G E S S B S - 4 0

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DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Red	On	Processor is in supervisor mode
LED2	Orange	On	Processor attempting to access and external module & it has not yet the owner of the G-6432 bus module
LED3	Yellow	On	GE S S B S - 4 0 is retrying an aborted cycle
LED4	Green	On	Processor is halted or during a reset operation