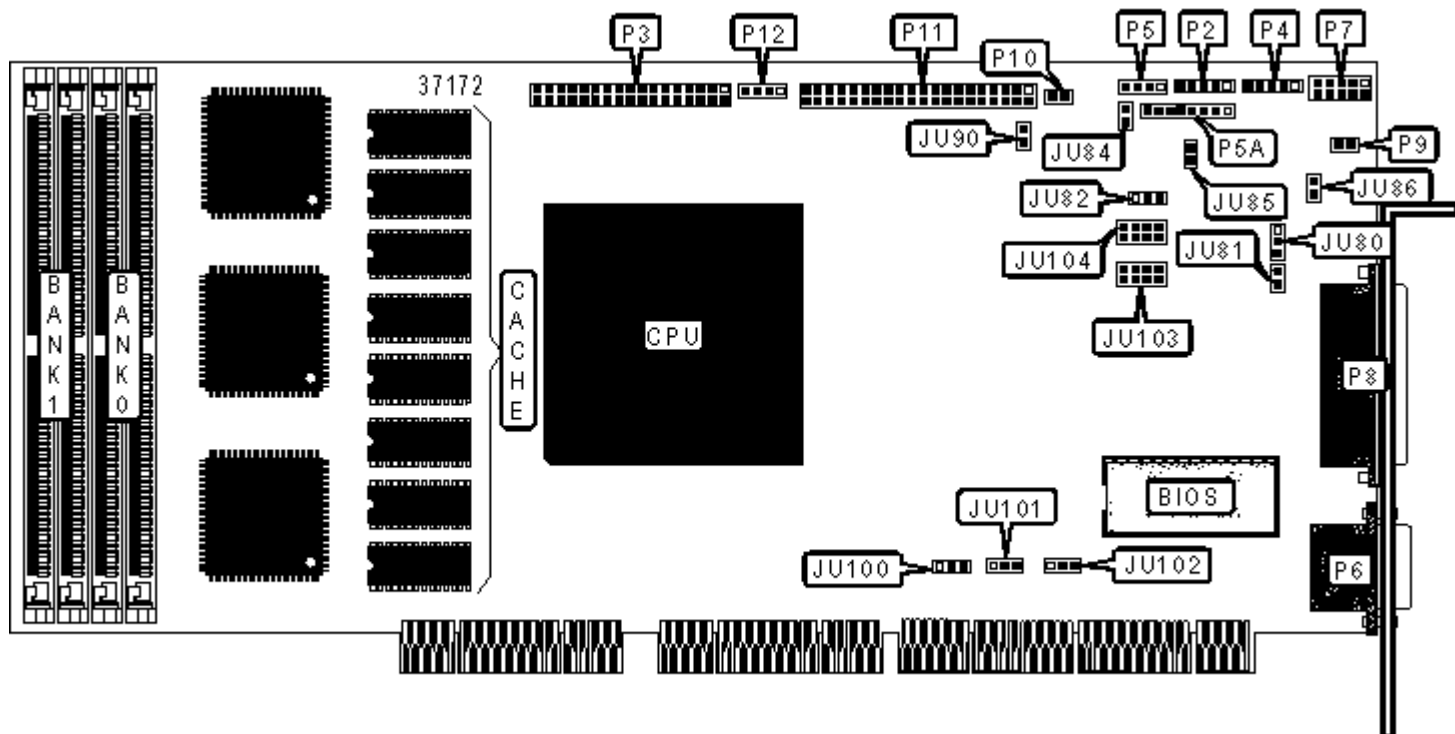


INDUSTRIAL COMPUTER SOURCE

SB586TE SERIES

Device Type	Single Board Computer
Processor	Pentium
Processor Speed	90/100/120/133/150/166Mhz
Chip Set	Intel
Maximum Onboard Memory	256MB
Cache	256KB
BIOS	AMI
Dimensions	Unidentified
I/O Options	Floppy drive interface, IDE interface, Parallel port, Serial interface, Serial port
Data Bus	EISA



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & Keylock	P2	Serial interface	P7
Floppy drive interface	P3	Parallel port	P8
AT keyboard interface	P4	CPU fan power	P9
Speaker	P5	Reset switch	P10
Combo I/O connector	P5A	IDE interface	P11
Serial port	P6	IDE interface LED	P12

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CRT color display selected	JU80	Pins 1 & 2 closed
	CRT monochrome display selected	JU80	Pins 2 & 3 closed
»	Password normal operation	JU81	Open
	Password clear	JU81	Closed
»	Watchdog timer disabled	JU82	Pins 1 & 2 closed
	Watchdog timer enabled	JU82	Pins 2 & 3 closed
	Speaker (P5A) connect	JU84	Closed
	Speaker (P5A) disconnect	JU84	Open
	Reset (P5A) connect	JU85	Closed
	Reset (P5A) disconnect	JU85	Open
»	CMOS memory normal operation	JU86	Open
	CMOS memory clear	JU86	Closed
»	IOCHRDY signal to IDE interface connected	JU90	Closed
	IOCHRDY signal from IDE interface disconnected	JU90	Open
»	On board serial port IRQ4 selected	JU100	Pins 2 & 3 closed
	On board serial port IRQ3 selected	JU100	Pins 1 & 2 closed
»	On board serial interface IRQ3 selected	JU101	Pins 1 & 2 closed
	On board serial interface IRQ4 selected	JU101	Pins 2 & 3 closed
»	On board parallel port IRQ7 selected	JU102	Pins 2 & 3 closed
	On board parallel port IRQ5 selected	JU102	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	None

6MB	(2) 512K x 36	(2) 256K x 36
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

PARALLEL PORT ACKNOWLEDGEMENT SELECTION

DACK	JU103
DACK#3	Pins 7 & 8 closed
DACK#5	Pins 5 & 6 closed
DACK#6	Pins 3 & 4 closed
DACK#7	Pins 1 & 2 closed

PARALLEL PORT REQUEST SELECTION

DREQ	JU104
DREQ#3	Pins 7 & 8 closed
DREQ#5	Pins 5 & 6 closed
DREQ#6	Pins 3 & 4 closed
DREQ#7	Pins 1 & 2 closed

MISCELLANEOUS TECH NOTE

Each SB586TE series model supports a single processor speed.