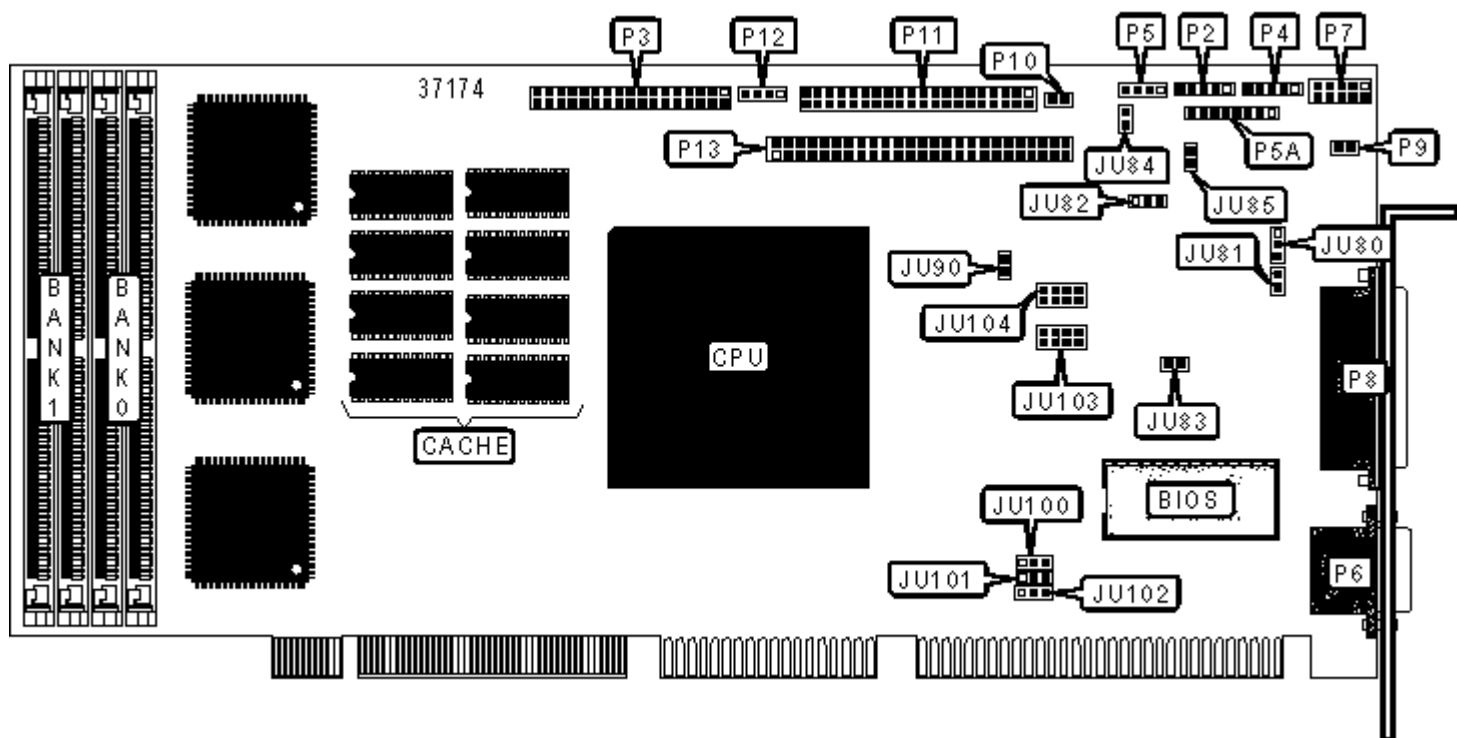


INDUSTRIAL COMPUTER SOURCE

SB586TCP 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, SCSI-2 interface
Data Bus	ISA/PCI



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & Keylock	P2	Parallel port	P8
Floppy drive interface	P3	CPU fan power	P9
AT keyboard interface	P4	Reset switch	P10
Speaker	P5	IDE interface	P11
Combo I/O connector	P5A	IDE interface LED	P12
Serial port	P6	SCSI/PCI interface	P13

Serial interface	P7		
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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
»	CMOS memory normal operation	JU83	Open
	CMOS memory clear	JU83	Closed
	Speaker (P5A) connect	JU84	Closed
	Speaker (P5A) disconnect	JU84	Open
	Reset (P5A) connect	JU85	Closed
	Reset (P5A) disconnect	JU85	Open
»	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 SB586TCP series model supports a single processor speed.