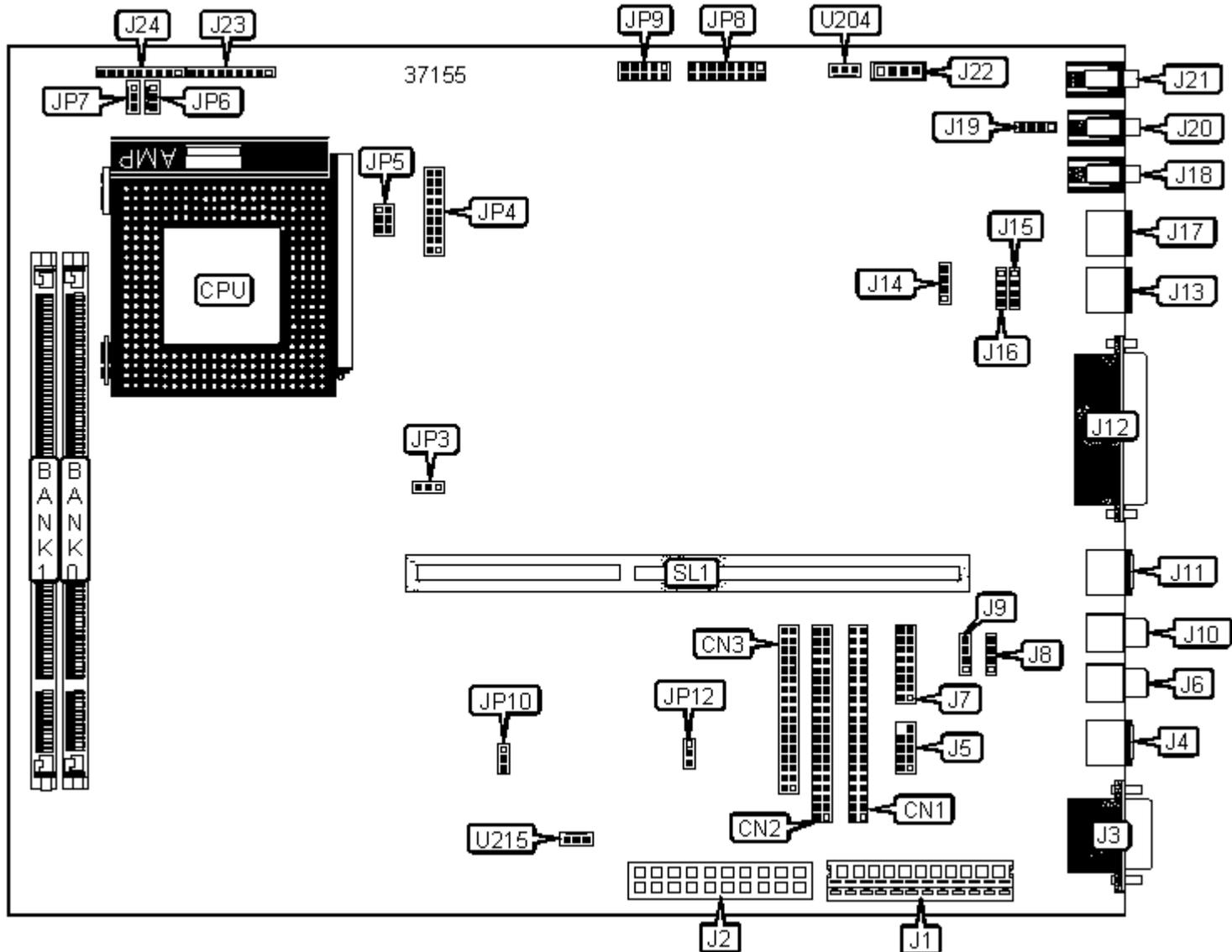


DOMEX TECHNOLOGY CORPORATION

P5ALI

Device Type	Mainboard
Processor	CX 6x86/CX6x86MX/AM K5/AM K6/IDT C6/Pentium/Pentium MMX
Processor Speed	Unidentified
Chip Set	VIA
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	4MB (SGRAM)
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	Unidentified
Dimensions	284mm x 229mm
I/O Options	AT power connector, ATX power connector, audio in - CD ROM, floppy drive interface, game/MIDI interface, IDE interfaces (2), IR connectors (3), line in (2), line out, microphone in, parallel port, PS/2 keyboard port, PS/2 mouse port, riser slot, S-video in, S-video out, serial interface, USB interfaces (2), VGA port, video in, video out



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface 1	CN1	IR mouse connector	J15
IDE interface 2	CN2	IR keyboard connector	J16
Floppy drive interface	CN3	PS/2 keyboard port	J17
AT power connector	J1	Microphone in	J18
ATX power connector	J2	Line in interface	J19
VGA port	J3	Line in	J20
S-video out	J4	Line out	J21
Serial interface	J5	Audio in - CD ROM	J22
Video out	J6	IR connector	J23/Pins 1 - 5
Game/MIDI interface	J7	Power switch	J23/Pins 6 & 7
USB 1 interface	J8	IDE interface LED	J23/Pins 8 & 9
USB 2 interface	J9	Power LED	J24/Pins 1 - 3
Video in	J10	Speaker	J24/Pins 6 - 9
S-video in	J11	System fan power	JP6
Parallel port	J12	CPU fan power	JP7
PS/2 mouse port	J13	Riser slot	SL1

Note: If internal speaker is used, install a jumper to pins 7 & 8 of J24.

USER CONFIGURABLE SETTINGS

Function	Label	Position
SDRAM clock speed set to match CPU clock	JP3	Pins 1 & 2 closed
SDRAM clock speed set to match AGP clock (66MHz)	JP3	Pins 2 & 3 closed
CPU single voltage type	JP5	Pins 1 & 3, 2 & 4 closed
CPU dual voltage type	JP5	Pins 3 & 5, 4 & 6 closed
Video format is NTSC	JP10	Pins 2 & 3 closed
Video format PAL	JP10	Pins 1 & 2 closed

»	CMOS memory normal operation	JP14	Pins 1 & 2 closed
	CMOS memory clear	JP14	Pins 3 & 4 closed

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory.

CPU CLOCK SPEED SELECTION	
Clock Speed	JP9

60MHz	Pins 1 & 2 closed
66MHz	Pins 3 & 4 closed
75MHz	Pins 5 & 6 closed
83MHz	Pins 7 & 8 closed
100MHz	Pins 9 & 10 closed

CPU SPEED SELECTION (AM K6)

Multiplier	JP8
2.0x	Pins 1 & 2 closed
2.5x	Pins 3 & 4 closed
3.0x	Pins 5 & 6 closed
3.5x	Pins 7 & 8 closed
4.0x	Pins 9 & 10 closed
4.5x	Pins 11 & 12 closed
5.0x	Pins 13 & 14 closed
5.5x	Pins 15 & 16 closed

CPU SPEED SELECTION (IDT C6)

Multiplier	JP8
2.0x	Pins 1 & 2 closed
3.0x	Pins 5 & 6 closed
4.0x	Pins 7 & 8 closed
4.0x	Pins 13 & 14 closed
5.0x	Pins 11 & 12 closed

CPU SPEED SELECTION (PENTIUM)

Multiplier	JP8
1.5x	Pins 7 & 8 closed
2.0x	Pins 1 & 2 closed

2.5x	Pins 3 & 4 closed
3.0x	Pins 5 & 6 closed

CPU SPEED SELECTION (PENTIUM MMX)

Multiplier	JP8
2.5x	Pins 3 & 4 closed
3.0x	Pins 5 & 6 closed
3.5x	Pins 7 & 8 closed

VOLTAGE SELECTION

Voltage	JP4
2.2V	Pins 1 & 2 closed
2.7V	Pins 3 & 4 closed
2.8V	Pins 5 & 6 closed
2.9V	Pins 7 & 8 closed
3.1V	Pins 9 & 10 closed
3.2V	Pins 11 & 12 closed
3.3V	Pins 13 & 14 closed
3.5V	Pins 15 & 16 closed