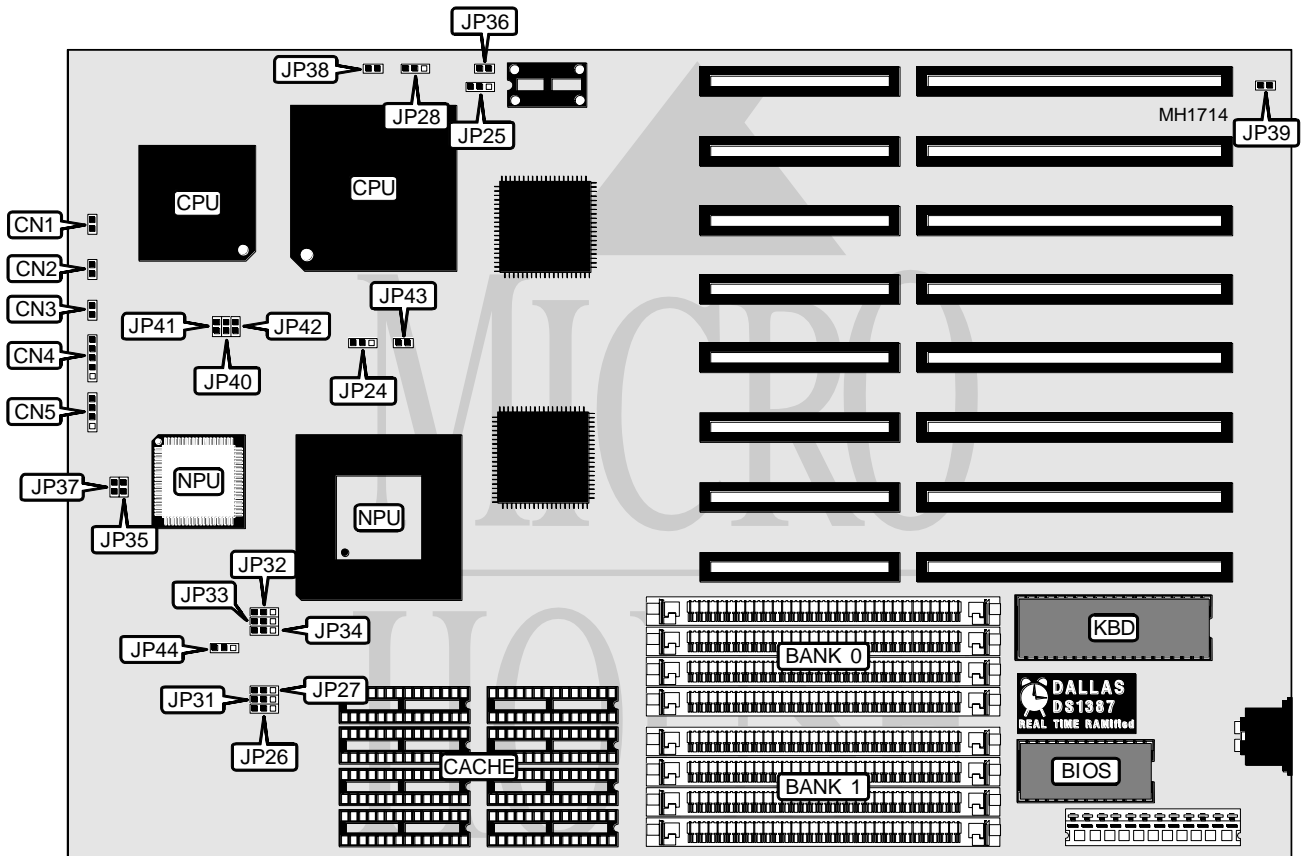


YOUNG MICRO SYSTEMS, INC.

VS3486F/S-3VL

| | |
|--------------------------|---|
| Processor | 80386DX/80486DLC/80486SX/80486DX/80486DX2 |
| Processor Speed | 25/33/40/50(internal)/50/66MHz |
| Chip Set | Symphony |
| Max. Onboard DRAM | 32MB |
| Cache | 64/256/1024KB |
| BIOS | AMI |
| Dimensions | 330mm x 218mm |
| I/O Options | None |
| NPU Options | 80387DX/80487SX |



| CONNECTIONS | | | |
|--------------|----------|---------------------|----------|
| Purpose | Location | Purpose | Location |
| Turbo switch | CN1 | Power LED & keylock | CN4 |
| Turbo LED | CN2 | Speaker | CN5 |
| Reset switch | CN3 | | |

Continued on next page . . .

YOUNG MICRO SYSTEMS, INC.
VS3486F

... continued from previous page

| DRAM CONFIGURATION | | |
|--------------------|--------------|--------------|
| Size | Bank 0 | Bank 1 |
| 1MB | (4) 256K x 9 | NONE |
| 2MB | (4) 256K x 9 | (4) 256K x 9 |
| 4MB | (4) 1M x 9 | NONE |
| 5MB | (4) 1M x 9 | (4) 256K x 9 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 17MB | (4) 4M x 9 | (4) 256K x 9 |
| 20MB | (4) 4M x 9 | (4) 1M x 9 |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |

| CPU TYPE CONFIGURATION | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Type | JP24 | JP25 | JP28 | JP32 | JP33 | JP34 | JP35 | JP36 |
| 80386DX | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | Closed | Closed |
| 80486SX | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| 80486DLC | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | Closed | Closed |

Note: Pins designated should be in the closed position.

| CPU TYPE CONFIGURATION | | | | | | | | |
|------------------------|------|------|--------|------|------|------|--------|-------|
| Type | JP37 | JP38 | JP39 | JP40 | JP41 | JP42 | JP43 | JP44 |
| 80386DX | Open | Open | Closed | Open | Open | Open | Open | 1 & 2 |
| 80486SX | Open | Open | Open | Open | Open | Open | Closed | 2 & 3 |
| 80486DLC | Open | Open | Closed | Open | Open | Open | Open | 1 & 2 |

Note: Pins designated should be in the closed position.

| CPU SPEED CONFIGURATION | | | | | | | | |
|-------------------------|-------|-------|-------|-------|-------|-------|------|------|
| Speed | JP24 | JP25 | JP28 | JP32 | JP33 | JP34 | JP35 | JP36 |
| 25MHz | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| 33MHz | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| 50i MHz | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| 50MHz | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |
| 66i MHz | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED CONFIGURATION | | | | | | | | |
|-------------------------|--------|--------|------|--------|--------|--------|------|-------|
| Speed | JP37 | JP38 | JP39 | JP40 | JP41 | JP42 | JP43 | JP44 |
| 25MHz | Open | Open | Open | Closed | Closed | Closed | Open | 2 & 3 |
| 33MHz | Open | Open | Open | Closed | Closed | Closed | Open | 2 & 3 |
| 50i MHz | Open | Open | Open | Closed | Closed | Closed | Open | 2 & 3 |
| 50MHz | Closed | Closed | Open | Open | Closed | Closed | Open | 2 & 3 |
| 66i MHz | Open | Open | Open | Closed | Closed | Closed | Open | 2 & 3 |

Note: Pins designated should be in the closed position.

Continued on next page . . .

YOUNG MICRO SYSTEMS, INC.
VS3486F

... continued from previous page

| CACHE CONFIGURATION | |
|---------------------|-------------|
| Size | Cache |
| 64KB | (9) 8K x 8 |
| 256KB | (9) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | |
|----------------------------|-------------------|-------------------|-------------------|
| Size | JP26 | JP27 | JP31 |
| 64KB | pins 1 & 2 closed | pins 1 & 2 closed | pins 1 & 2 closed |
| 256KB | pins 2 & 3 closed | pins 2 & 3 closed | pins 2 & 3 closed |