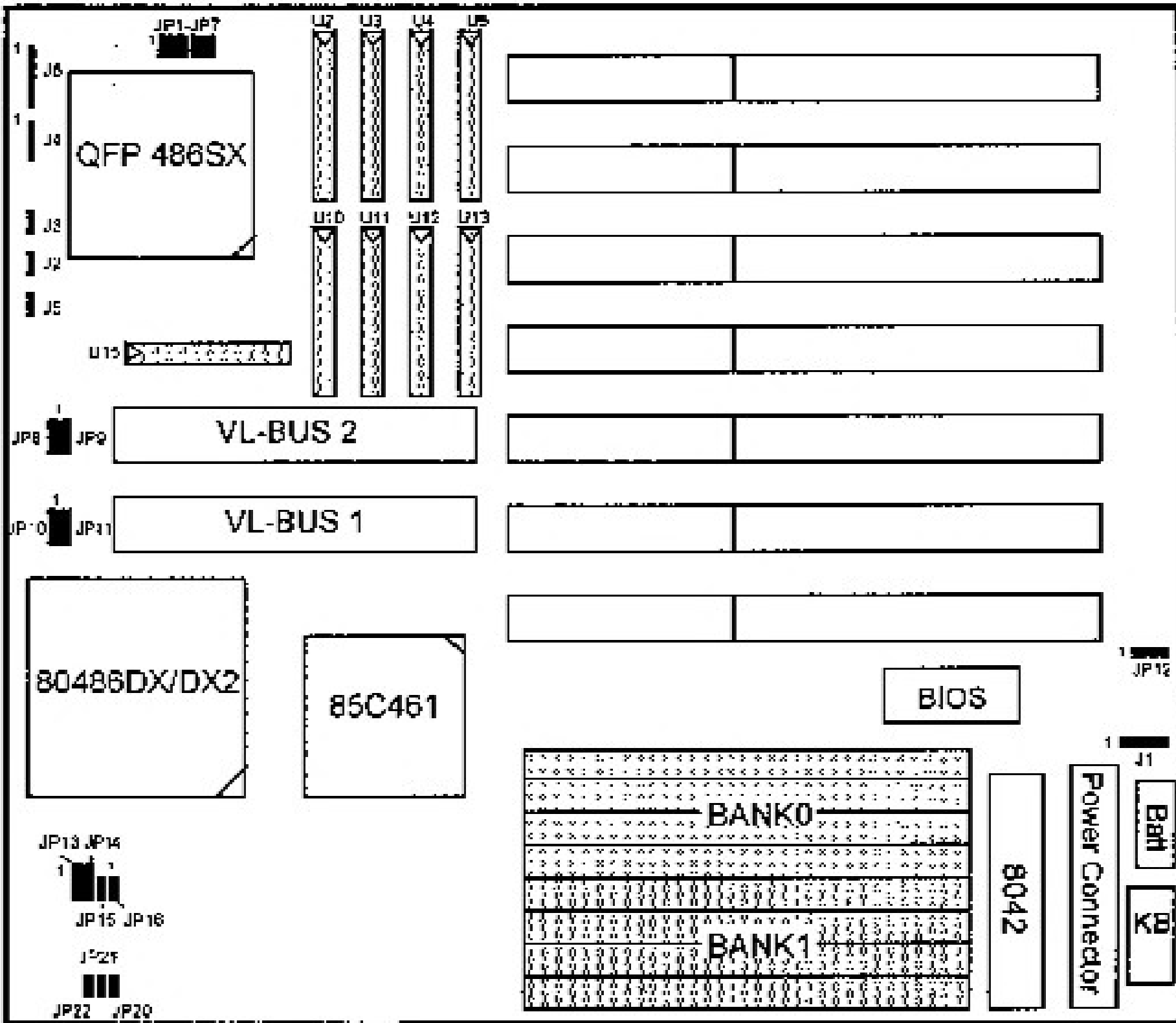


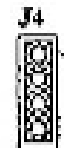
486SCSI/486SCSI MAINBOARD LAYOUT



**1-5  
MAINBOARD  
CONNECTORS  
AND JUMPER  
SETTINGS**



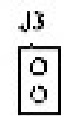
**J6 Reset Switch**  
1. GND  
2. Power good



**J4 Speaker Jumper**  
1. Speaker out  
2. GND  
3. GND  
4. +5V DC



**J5 Power LED & Keylock**  
1. LED output  
2. No connect  
3. GND  
4. Keylock  
5. GND



**J3 Turbo Switch**  
Open: Low speed or speed change by keyboard  
  
(CTRL) {ALT} {+} : High speed  
(CTRL) {ALT} {-} : Low speed or speed change by turbo switch



Short: High speed

**J1**



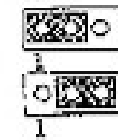
**External Battery Connector**  
1. +VDD (External battery power input)  
4. GND

**J2**



**Turbo LED**  
On: high speed  
Off: low speed

**JP12**



**RTC Charge Connector**  
1-2: default  
  
2-3: RTC discharge

**JP10**



**VL-bus1 Clock setup**  
1-2: CPU clock <= 33MHz



2-3: CPU clock > 33MHz(default)

**JP11**



**VL-bus1 Wait state setup**  
1-2: VL-bus1 zero wait write

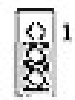


2-3: VL-bus1 one wait write(default)

**JP8**



**VL-bus2 Clock setup**  
1-2: CPU clock <= 33MHz



2-3: CPU clock > 33MHz(default)

**JP9**



**VL-bus2 Wait state setup**  
1-2: VL-bus2 zero wait write



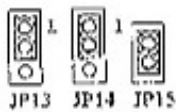
2-3: VL-bus2 one wait write(default)

Other jumper settings will be found in the next two sections.

**1-6  
CPU  
CONFIGURATION**

	486DX/486DX2	487SX	OVERDRIVE	486SX
JP13	1-2	2-3	OPEN	
JP14	1-2	1-2	2-3	
JP15	SHORT	SHORT	OPEN	

**486DX CPU**



**486DX CPU**



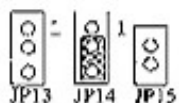
**486DX2 CPU**



**487SX CPU**



**486SX PQFP CPU**



**OVERDRIVE CPU**



**JP16: PQFP CPU**



OPEN. When use 486SX PQFP CPU



SHORT: Default(disable 486SX PQFP CPU)

CPU CLOCK	JP22	JP21	JP20
25MHz	Open	Open	Short
33MHz	Short	Open	Open
40MHz	Short	Short	Open
50MHz	Open	Short	Open



JP20 SHORT: 25MHz CPU clock

JP22 JP21 JP20



JP22 SHORT: 33MHz CPU clock

JP22 JP21 JP20



JP22/JP21 SHORT: 40MHz CPU clock

JP22 JP21 JP20



JP21 SHORT: 50MHz CPU clock

JP22 JP21 JP20

**1-7  
CPU TYPE  
AND CPU  
CLOCK REF-  
ERENCE TA-  
BLE**

CPU	OSC
486SX-25	25MHz
486SX-33	33MHz
487SX-25	25MHz
487SX-33	33MHz
486DX-33	33MHz
486DX-40	40MHz
486DX-50	50MHz
486DX2-50	25MHz
486DX2-66	33MHz
OVERDRIVE-25	25MHz
OVERDRIVE-33	33MHz