360 KB FDU	PANASONIC JU-455-5 C09	SA450
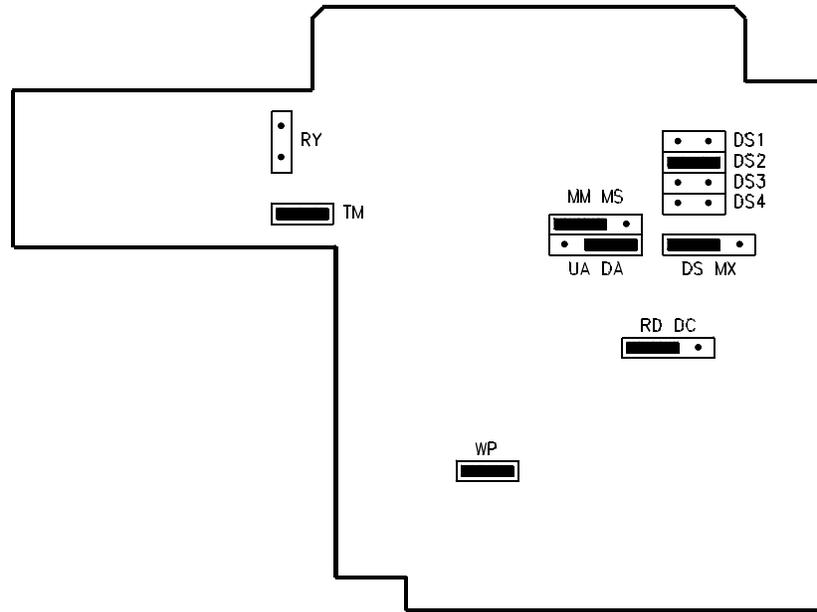
3

JUMPER	DESCRIPTION	SETTING
DS1	Drive selected as DRIVE 1	OFF
DS2	Drive selected as DRIVE 2	ON
DS3	Drive selected as DRIVE 3	OFF
DS4	Drive selected as DRIVE 4	OFF
MX	Drive selected by the Drive Select signal	OFF
DS	Drive selection enabled in a multidrive system	ON
RD	Ready signal enabled	ON
DC	Stores door closure	OFF
WP	Write Protect signal enabled	ON
MM	Drive motor enabled by the Motor On signal	ON
MS	Drive motor enabled by the Drive Select signal	OFF
UA	Front LED handled by the In Use signal	OFF
DA	Front LED handled by the Drive Select signal	ON
RY	PC XT-AT compatibility	OFF
TM	Terminator	ON

360 KB FDU	PANASONIC JU-455-7 C09	SA450
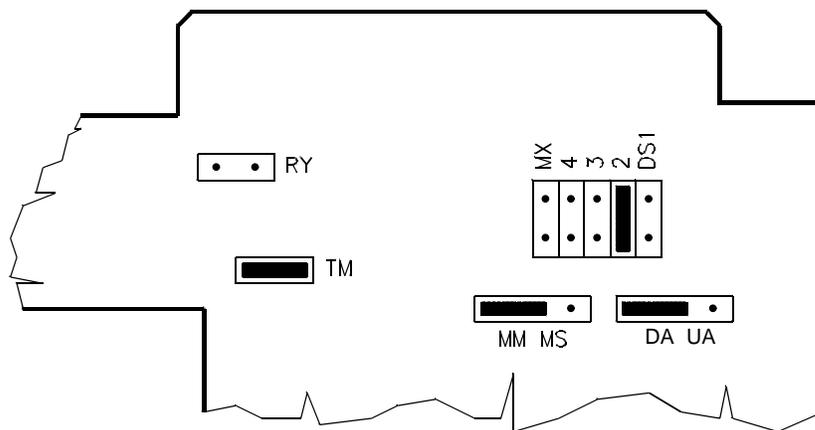
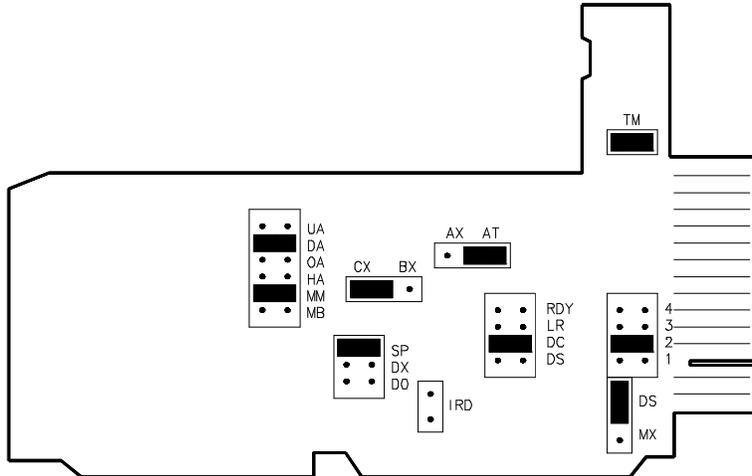| JUMPER	DESCRIPTION	SETTING
DS1	Drive selected as DRIVE 1	OFF
DS2	Drive selected as DRIVE 2	ON
DS3	Drive selected as DRIVE 3	OFF
DS4	Drive selected as DRIVE 4	OFF
MX	Drive selected permanently	OFF
MM	Drive motor enabled by the Motor On signal	ON
MS	Drive motor enabled by the Drive Select signal	OFF
UA	Front LED handled by the In Use signal	OFF
DA	Front LED handled by the Drive Select signal	ON
RY	PC XT-AT compatibility	OFF
TM	Terminator	ON

1.2 MB FDU	PANASONIC JU-475-2 C08	SA450

JUMPER	DESCRIPTION	SETTING
TM	Terminator	ON
DS1	Drive selected as DRIVE 1	OFF
DS2	Drive selected as DRIVE 2	ON
DS3	Drive selected as DRIVE 3	OFF
DS4	Drive selected as DRIVE 4	OFF
DS	Selection of a drive in a multidrive system enabled	ON
MX	Drive selected permanently	OFF
AT	Drive for use in the system enabled	ON
AX	Stores the Drive Select signal	OFF
RDY	Standard Ready signal	OFF
LR	Stores the Ready signal	OFF
DC	Stores door closure	ON
DS	Door open	OFF
BX	Double speed	OFF
CX	Single speed	ON
IRD	Internal Ready signal	OFF
SP	Step Disk Change	ON
DX	Index Disk Change	OFF
DO	Disk Change drive selection	OFF
UA	Front LED controlled by the Ready signal	OFF
DA	Front LED controlled by the Drive Select signal	ON
OA	Front LED controlled by the Ready or Drive Select signal	OFF
HA	Front LED controlled by the Ready and Drive Select signals	OFF
MM	Motor drive enabled by the Motor On signal	ON
MB	Motor drive enabled by the Drive Select signal	OFF

1.2 MB FDU	PANASONIC JU-475-3 C08 PANASONIC JU-475-3 C20	SA450

3

NAX

EX
TH
DD
MDB   BX
MDA

HS HL HM

MS   MM
OP
1M

DA UA HA LA

DS

1 2 3 4 MX

TM
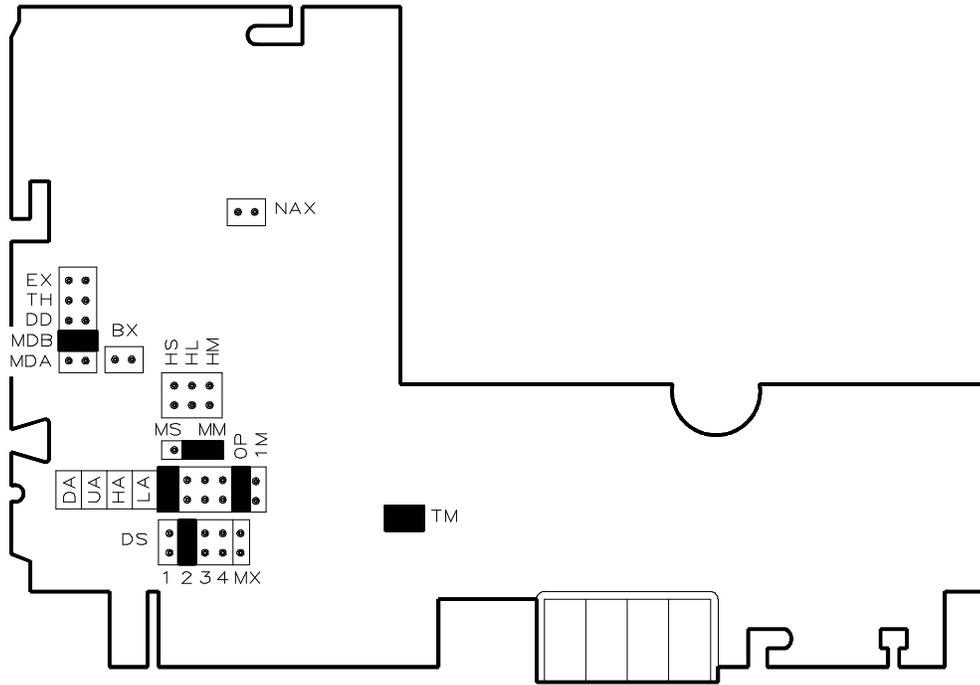
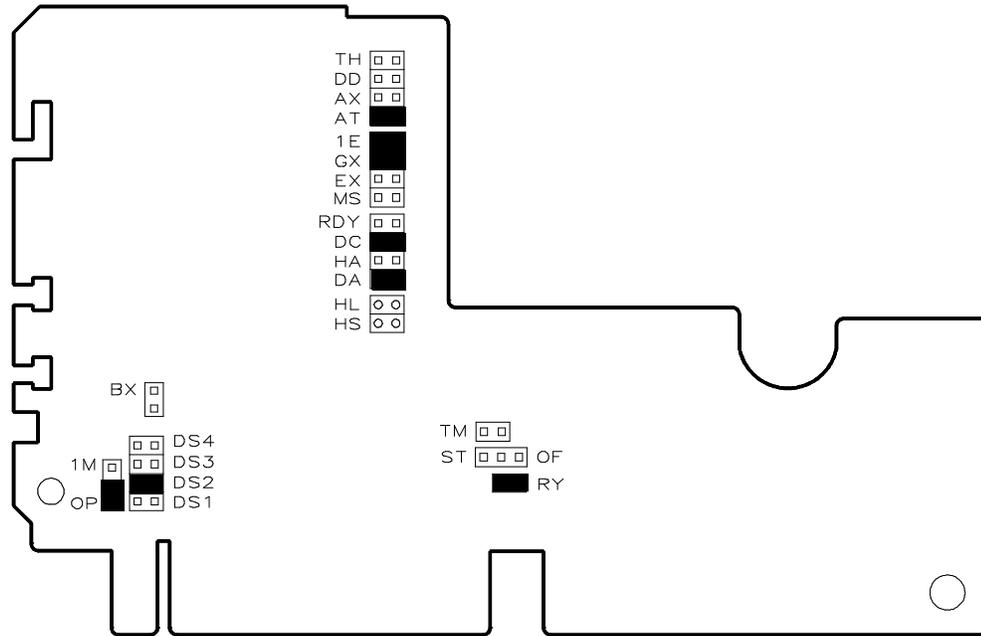| JUMPER	DESCRIPTION	SETTING FOR JU-475-3 C08	SETTING FOR JU-475-3 C20
TM	Terminator	ON	ON
DS1	Drive selected as DRIVE 1	OFF	OFF
DS2	Drive selected as DRIVE 2	ON	ON
DS3	Drive selected as DRIVE 3	OFF	OFF
DS4	Drive selected as DRIVE 4	OFF	OFF
MX	Drive selected permanently	OFF	OFF
DA	Front LED controlled by the Drive Select signal	ON	ON
UA	Front LED controlled by the Ready signal	OFF	OFF
HA	Front LED controlled by the Ready and Drive Select signals	OFF	OFF
LA	Front LED controlled by the Ready signal selecting the drive	OFF	OFF
MS	Motor drive enabled by the Drive Select signal	OFF	OFF
MM	Motor drive enabled by the Motor On signal	ON	ON
HS	Head loading controlled by the Drive Select signal (not used)	OFF	OFF
HL	Head loading controlled by the Drive Select and Ready signals (not used)	OFF	OFF
HM	Head loading controlled by the Motor On signal (not used)	OFF	OFF
OP	Dual Mode	ON	ON
1M	Single Mode (only 1 MB)	OFF	OFF
BX	Double speed	OFF	ON
NAX	Used with OP, BX and 1M	OFF	OFF
EX	Active index after head positioning on any track	OFF	OFF
TH	Interface connector pin 34 selected by the Drive Select signal	OFF	OFF
DD	Not used	OFF	OFF
MDB	Pin 34 is kept low by Drive Select when the support is not inserted and by the first Drive Select when the support has been changed	ON	ON
MDA		OFF	OFF

1.2 MB FDU	PANASONIC JU-475-4 C08 PANASONIC JU-475-4 C20	SA450

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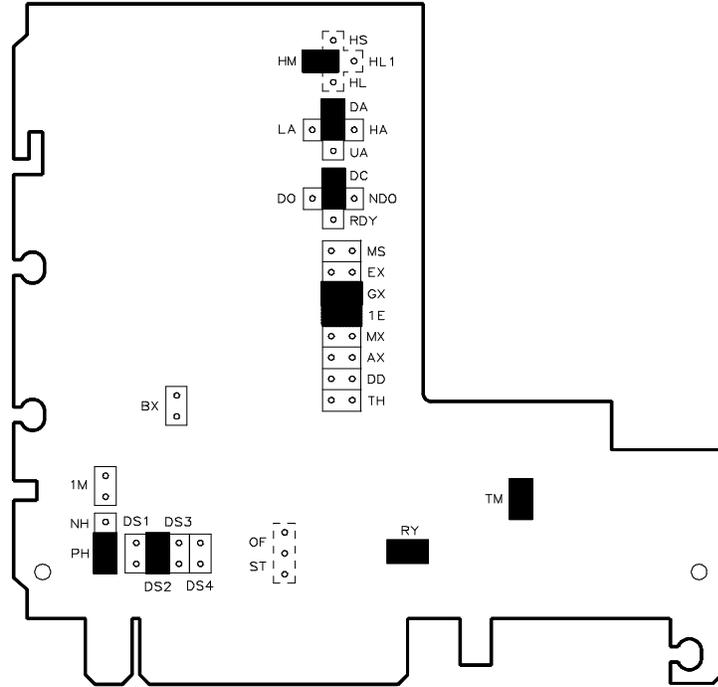
| JUMPER	DESCRIPTION	SETTING FOR JU-475-4 C08	SETTING FOR JU-475-4 C20
TM	Terminator	ON	ON
DS1	Drive selected as DRIVE 1	OFF	OFF
DS2	Drive selected as DRIVE 2	ON	ON
DS3	Drive selected as DRIVE 3	OFF	OFF
DS4	Drive selected as DRIVE 4	OFF	OFF
MX	Drive selected permanently (used on single drive systems only)	OFF	OFF
UA	Front LED controlled by the Ready signal	OFF	OFF
DA	Front LED controlled by the Drive Select signal	ON	ON
LA	Front LED controlled by the stored Ready function	OFF	OFF
HA	Front LED controlled by the Ready and Drive Select signals	OFF	OFF
MS	Motor drive enabled by the Motor On signal	OFF	OFF
HL	Head loading controlled by the Drive Select and Ready signals (not used)	OFF	OFF
HS	Head loading controlled by the Drive Select signal (not used)	OFF	OFF
HM	Head loading controlled by the Motor On signal	ON	ON
HL1	Head loading controlled the stored Ready function (not used)	OFF	OFF
PH	Dual mode (positive high density)	ON	ON
NH	Dual mode (negative high density) (not used)	OFF	OFF
AX	Mode Select with the storage of Drive Select	OFF	OFF
1M	Single Mode (only 1 MB)	OFF	OFF
BX	Double speed	OFF	ON
RDY	Standard Ready signal	OFF	OFF
DC	Disk Change 1 (reset via Step)	ON	ON
NDO	Disk In	OFF	OFF
DO	Disk Out	OFF	OFF
DD	Disk Change 2 (reset via Drive Select)	OFF	OFF
TH	Pin 34 of the interface connector selected by Drive Select	OFF	OFF
GX	Read Data is enabled by Write Gate, Write Protect, Drive Select and when the head is positioned on a track	ON	ON
EX	Active index following the positioning of the head on a track	OFF	OFF
1E	Selects 96 TPI or 48 TPI (set at the factory)	ON	ON
RY	Connects the Drive Status signal to interface connector pin 34 (set at the factory)	ON	ON
ST	Not used	OFF	OFF
OF	Not used	OFF	OFF

1.2 MB FDU	PANASONIC JU-475-5 C08 (to lev. 02) PANASONIC JU-475-5 C20	SA450

3

TH
DD
AX
AT
1E
GX
EX
MS
RDY
DC
HA
DA
HL
HS

BX

DS4
DS3
1M   DS2
OP   DS1

TM
ST   OF
RY

JUMPER	DESCRIPTION	SETTING FOR JU-475-5 C08	SETTING FOR JU-475-5 C20
TM	Terminator	OFF	OFF
DS1	Drive selected as DRIVE 1	OFF	OFF
DS2	Drive selected as DRIVE 2	ON	ON
DS3	Drive selected as DRIVE 3	OFF	OFF
DS4	Drive selected as DRIVE 4	OFF	OFF
DA	Front LED controlled with the Drive Select signal	ON	ON
HA	Front LED controlled with the Ready and Drive Select signals	OFF	OFF
MS	Motor drive enabled with the Motor On signal	OFF	OFF
HL	Head loading controlled by Drive Select and Ready (not used)	OFF	OFF
HS	Head loading controlled by Drive Select (not used)	OFF	OFF
OP	Dual Mode (high density positive)	ON	ON
AT	Enables drive for use in system	ON	ON
AX	Mode Select with storage of Drive Select	OFF	OFF
1M	Single Mode (only 1 MB)	OFF	OFF
BX	Double speed	OFF	ON
RDY	Standard Ready signal	OFF	OFF
DC	Disk change 1 (reset via step)	ON	ON
DD	Disk change 2 (reset via Drive Select)	OFF	OFF
TH	Pin 34 of interface connector selected by Drive Select	OFF	OFF
GX	Read Data enabled by Write Gate, Write Protect, Drive Select and when the head has set on a track	ON	ON
EX	Index active after the head has set on a track	OFF	OFF
1E	Select 96 TPI or 48 TPI (set in the factory)	ON	ON
RY	Connects Drive Status to pin 34 of the interface connector	ON	ON
ST	Not used	OFF	OFF
OF	Not used	OFF	OFF

1.2 MB FDU	PANASONIC JU-475-5 C08 (from lev. 03) PANASONIC JU-475-5 A72 PANASONIC JU-475-5 A08W	SA450
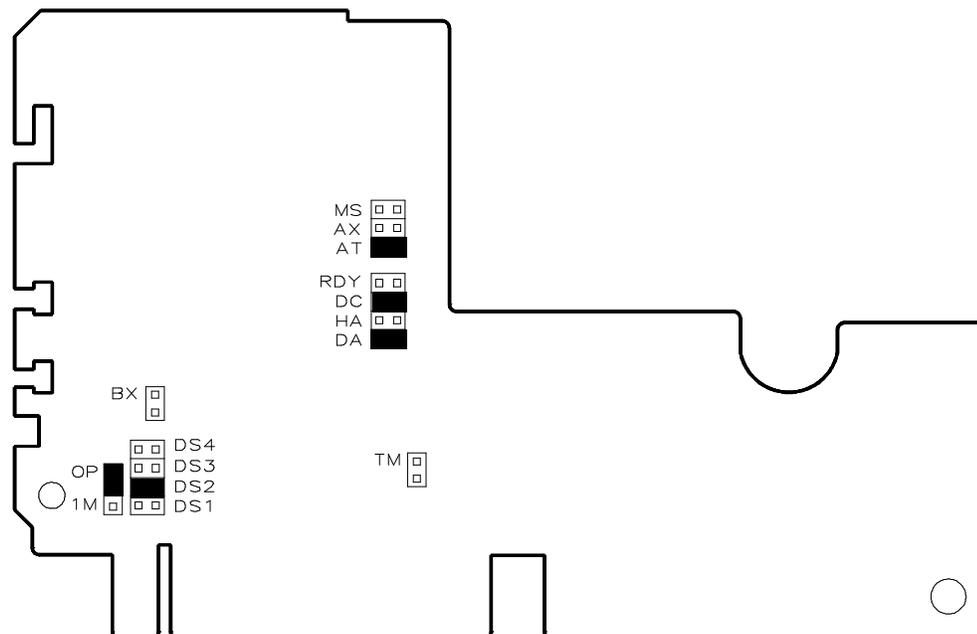
Note: *Jumpers EX, GX, DD and TH have been removed from drive JU-475-5 C08 starting from this drive's level 03 (March, '94). To set the disk change mode 2 on this drive (as used on L1 with GO280D, FP1 fw2.4, FP4 fw3.7), solder a 15 Khom resistor at R18. The JU-475-5 C20 drive will no longer be available from March, 1994; instead, you can use drive JU-475-5 C08 by inserting jumper BX.*

JUMPER	DESCRIPTION	SETTING
TM	Termination	OFF
DS1	Drive selected as DRIVE 1	OFF
DS2	Drive selected as DRIVE 2	ON
DS3	Drive selected as DRIVE 3	OFF
DS4	Drive selected as DRIVE 4	OFF
DA	Front LED handled by the Drive Select signal	ON
HA	Front LED handled by the Ready and Drive Select signals	OFF
MS	Drive motor enabled by the Motor On signal	OFF
OP	Dual mode (positive high density)	ON
AT	Enables the drive for use in the system	ON
AX	Mode Select with Drive Select storage	OFF
1M	Single Mode (only 1 MB)	OFF
BX	Dual speed	OFF
RDY	Standard Ready signal	OFF
DC	Disk Change 1 (reset via Setup)	ON

■