

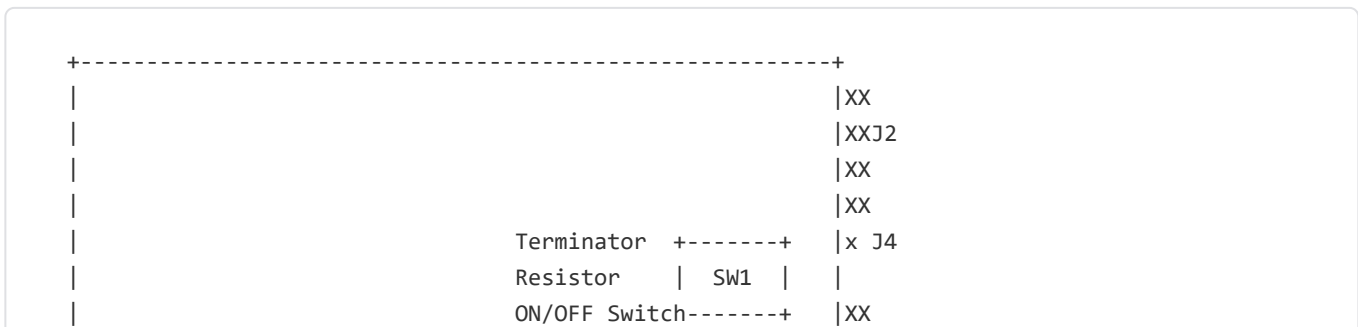
Hard Drive: NEC: D5126 20MB 5.25"/HH MFM ST506



D 5 1 2 6 NEC		NO MORE PRODUCED		Native Translation	
		-----+-----+-----+-----			
Form	5.25"/HH	Cylinders	615		
Capacity form/uniform	20/ MB	Heads	4		
Seek time / track	85.0/18.0 ms	Sector/track	17		
Controller	MFM / ST506	Precompensation	128		
Cache/Buffer	KB	Landing Zone	664		
Data transfer rate	0.625 MB/S int	Bytes/Sector	512		
	0.625 MB/S ext				
Recording method	MFM		operating	non-operating	
			-----+-----+-----+-----		
Supply voltage	5/12 V	Temperature	*C		
Power: sleep	W	Humidity	%		
standby	W	Altitude	km		
idle	W	Shock	g		
seek	W	Rotation	RPM		
read/write	W	Acoustic	dBa		
spin-up	W	ECC	Bit		
		MTBF	h		
		Warranty Month			
Lift/Lock/Park	NO	Certificates			

Layout

NEC MFM DISKS



```

|
|
|
|
| Drive Address-----+ |XX
| Switch      | SW2 | |XXJ1
|              +-----+ |XX
|              |      | |XX
|              |      | |XX
|              |      | |
|              |      | |XXPower
|              |      | |XXJ3
+-----+

```

Jumpers

NEC MFM DISKS

Jumper Settings

=====

D512X, D5146 etc.

+-----+

| x | ON

| . x x x x x x x | OFF

DS-1-2-3-4-----R-+

+-+--+ +----- Radial Bit, Always set to OFF

|

+----- Drive Select (set only one bit to ON)

Terminator Res.

+-----+

| x x x x x x x x |ON

| |OFF Terminator ON, means active

+-----+

D3126, D3142, D3146H, D51X6H etc.

SW2

+-----+

| x . . . | ON

| . x x x | OFF

DS-1-2-3-4-+

+-+--+

|

+----- Drive Select (set only one bit to ON)

```
SW1 Terminator Res.
+-----+
| . x x x x x x x |ON
| x . . . . . |OFF Terminator ON, means active
+-R-----+
+----- Radial Bit, always set to OFF!
```

Only the last drive on the cable must be terminated.

J1 Connector for control signal interface

J2 Connector for data signal interface

J4 Frame Ground

Features

NEC MFM DISKS

Installation Procedure

Set the correct setup type and perform a low level format, in the most cases can the media defect list be entered in this step. If you cannot find a correct Setup Type (esp. for D3142) use either a lower cylinder count or special disk installation programs like DISK MANAGER from ONTRACK or SPEEDSTOR from STORAGE DIMENSIONS.

Run under DOS FDISK and DOS FORMAT, the drive becomes bootable with the command: FORMAT C:/s.