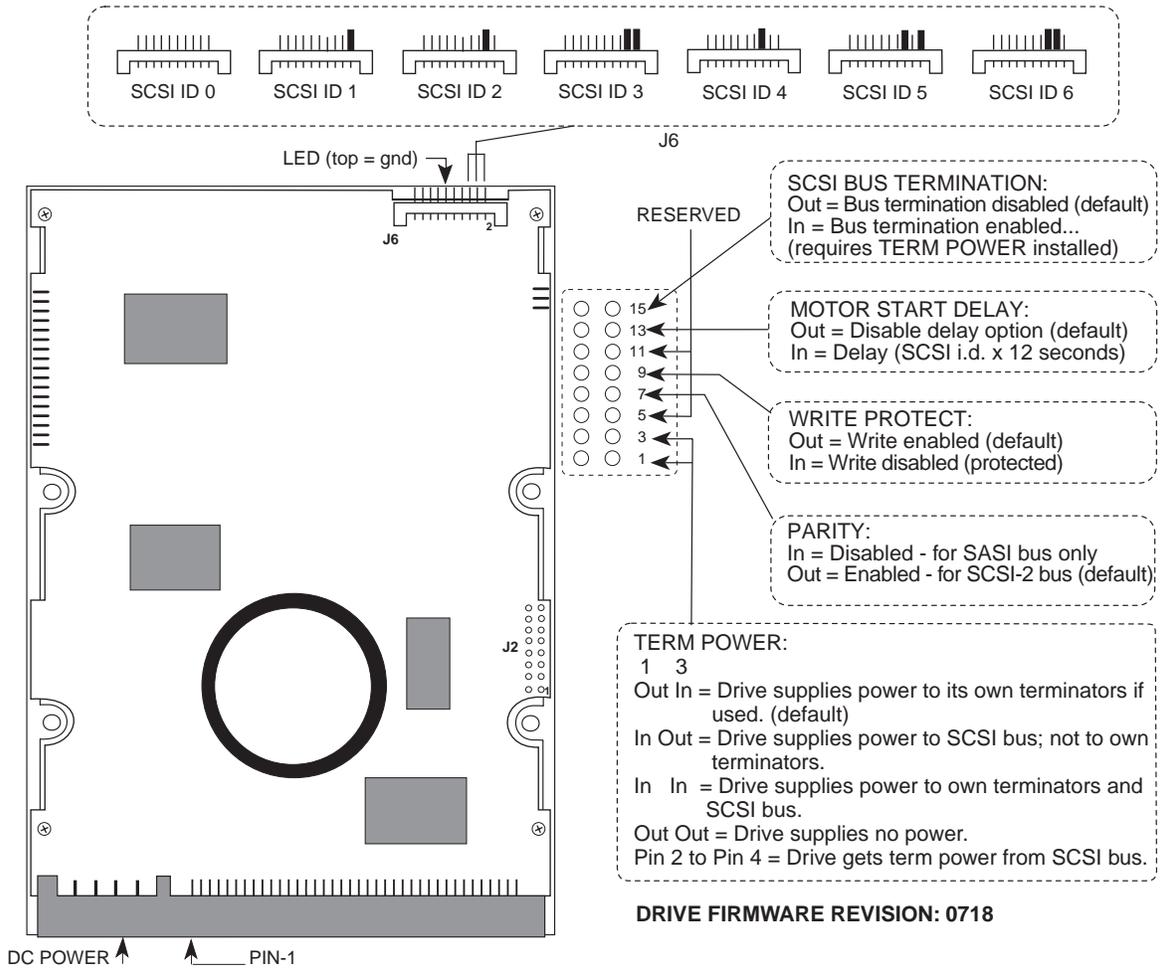


Seagate Barracuda ST32272N 3.5" SCSI-2 Disk Drive

MODEL #	FORMATTED CAPACITY	NUMBER OF LOGICALS	BITMAP SIZE	FORMAT INTERLEAVE	ALPHA MICRO PART NUMBER
ST32272N	2.16GB	68	4062	1	PDB-00436-74



IMPORTANT TERMINATION INFORMATION

The **SCSI Bus Termination** jumper enables/disables the on-board active *termination*. If the SCSI bus is terminated by an external SCSI terminator, or by another SCSI device with termination enabled, you must remove this jumper to avoid a termination conflict which could make your computer perform erratically. Conversely, if the SCSI bus is not otherwise terminated, this jumper *must* be installed. For **AMOS computers**, this drive performs best when used with an external terminator (PRA-00222-xx). We *do not recommend* using this drive in an AMOS computer with the SCSI Bus Termination jumper enabled.

The **Term Power** jumpers let the drive supply power to its own on-board terminators and/or the SCSI bus. In AMOS applications, we recommend installing the jumper between pin 2 and pin 4. This causes the drive to accept termination power from the bus if its own terminators are enabled; otherwise, it keeps the drive from interfering with the bus termination power. Refer to your hardware documentation for more detailed information, or call the Alpha Micro Technical Assistance Center for help.

SOFTWARE REQUIREMENTS

To use this disk drive, you must use the following minimum file versions (as of 1/98):

For AMOS 1.4C and AMOS 2.3A		For AM-1200 Only	
FMTS2.LIT	1.0(102)-1	FMTSCZ.LIT	3.1(153)-4
FIXLOG.LIT	1.1 (112)	FMTSCZ.OVR	1.0(122)-2
SCZRR.DVR	hash= 524-233-343-770		
SCZ190.DVR	hash= 127-556-203-562		
SCZR60.DVR	Any released version		



Use FMTS2 to format this drive on all systems except the AM-1200. Use FMTSCZ only on the AM-1200, which doesn't support FMTS2.

BOOT PROM COMPATIBILITY INFORMATION

The following list shows the boot PROM revisions we used when testing this drive for compatibility with the various Alpha Micro CPU boards. While the drive may function well with earlier revision boot PROMs, it is supported by Alpha Micro only with these revisions and later.

CPU Board	Description	PROM Revision
AM-130	AM-1400	E00(B0E-00130-00)
AM-134	AM-1400	E00(B0E-00134-00)
AM-135	AM-1600	E00(PDB-00135-50) ¹
AM-137	Eagle 100	M00 (PDB-00172-90)
AM-140	AM-3000M (with or without AM-540)	E00(PDB-00140-50)
AM-172	Roadrunner 030, used in some Eagle 200/300 computers	M00 (PDB-00172-90)
AM-174	Roadrunner 040, used in Eagle 200 - 500 and Eagle 550 (Super Eagle)	N00 (PDB-00174-90)
AM-176	Roadrunner 060, AM-6000	A01 (PDB-00176-10)
AM-177	AM-1200	E00(PDB-00178-01)
AM-180	AM-2000VME	F00(PDB-00187-00)
AM-190	AM-4000	E00 (DWB-00191-10, Rev. A05) ²

1. AM-1600 boot PROMs are shipped in an upgrade kit, the part number of which is shown. The revision of the kit may not match the revision of the PROMs it contains. If the revision shown on the actual boot PROMs is not at least E00, order the upgrade kit part number shown.
2. AM-4000 boot PROMs are located on a small PCB (printed circuit board) (DWB-00191-10) that plugs into the AM-190 board. In the table above, the revision of the boot PROMs is E00 and the revision of the printed circuit board assembly that contains the boot PROMs is A05. If you have an A04 or earlier boot PROM PCB assembly, simply unplug it and replace it with an A05 or later assembly.

This drive is not supported on the AM-1000. We have not tested this drive with the other systems which aren't listed (such as the AM-2000M and AM-3000VME), but we have no reason to believe it will not work.

Note that the latest PROM revisions, shown in the table, may have been made for reasons other than disk drive support. For example, the E00 revision of the AM-190 and the N00 revision for the AM-137 and AM-174 were all made to support warm booting from various tape devices.