

```
root@freenas:/BackupsToo/LSI9300 # sas3flash -listall
Avago Technologies SAS3 Flash Utility
Version 16.00.00.00 (2017.05.02)
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```

Adapter Selected is a Avago SAS: SAS3008(C0)

Num	Ctrlr	FW Ver	NVDATA	x86-BIOS	PCI Addr
0	SAS3008(C0)	16.00.10.00	0e.01.00.07	08.37.00.00	00:01:00:00

Finished Processing Commands Successfully.
Exiting SAS3Flash.

```
root@freenas:/BackupsToo/LSI9300 # sas3flash -list
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Version 16.00.00.00 (2017.05.02)
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```

Adapter Selected is a Avago SAS: SAS3008(C0)

Controller Number	: 0
Controller	: SAS3008(C0)
PCI Address	: 00:01:00:00
SAS Address	: 500605b-0-0915-7afe
NVDATA Version (Default)	: 0e.01.00.07
NVDATA Version (Persistent)	: 0e.01.00.07
Firmware Product ID	: 0x2221 (IT)
Firmware Version	: 16.00.10.00
NVDATA Vendor	: LSI
NVDATA Product ID	: SAS9300-8i
BIOS Version	: 08.37.00.00
UEFI BSD Version	: 18.00.00.00
FCODE Version	: N/A
Board Name	: SAS9300-8i
Board Assembly	: N/A
Board Tracer Number	: N/A

```
root@freenas:/BackupsToo/LSI9300 # sas3flash -c 0 -o -f SAS9300_8i_IT.bin
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```

Advanced Mode Set

Adapter Selected is a Avago SAS: SAS3008(C0)

Executing Operation: Flash Firmware Image

Firmware Image has a Valid Checksum.
Firmware Version 16.00.12.00
Firmware Image compatible with Controller.

Valid NVDATA Image found.
NVDATA Major Version 0e.01
Checking for a compatible NVData image...

NVDATA Device ID and Chip Revision match verified.
NVDATA SubSystem Vendor and SubSystem Device ID match verified.
NVDATA Versions Compatible.
Valid Initialization Image verified.
Valid BootLoader Image verified.

Beginning Firmware Download...
Firmware Download Successful.

Verifying Download...

Firmware Flash Successful.

Resetting Adapter...
Adapter Successfully Reset.

NVDATA Version 0e.01.00.07
Finished Processing Commands Successfully.
Exiting SAS3Flash.

```
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