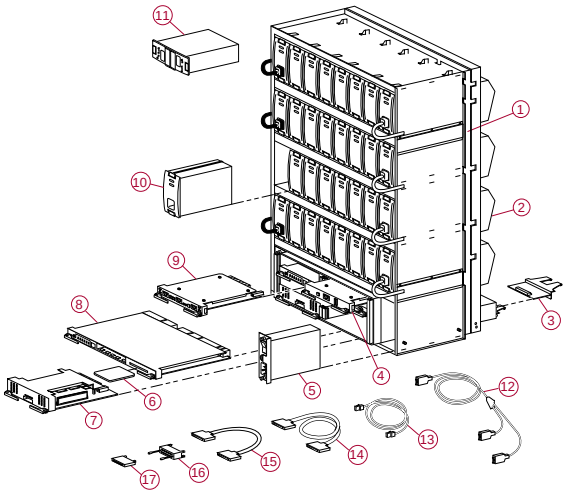
HSZ70 Array Controller HSOF Version 7.*x*

Field Replaceable Units



1	BA370 rack–mountable enclosure	–
2	Cooling fan	DS–BA35X–MK
3	I/O module	70–32832–01
4	Power verification & addressing module (PVA)	DS–BA35X–EC
5	AC input module	DS–BA35X–HE
6	Program card	BG–*xxxxx–xx*
7	Cache module	70–32835–01
	64 MB SIMM kit	DS–HSSIM–AB
8	HSZ70 controller	DS–HSZ70–AH
9	Environmental monitoring unit (EMU)	DS–BA35X–EB
10	180-watt power supply	DS–BA35X–HH
11	External cache battery (ECB), single configuration	HS35X–BC
	ECB, dual–redundant configuration	HS35X–BD
12	“Y” cable kit for ECB	70–33268–*xx*
13	EMU bus cable (lengths from 0.5 to 7 meters)	BN26M–*xx*
14	Host bus cable (lengths from 1 to 25 meters)	DS–BN37A–*xx*
15	Dual-controller cable	DS–BN37A–0E
16	Trilink connector	H8861–AA
17	Terminator	H8865–AA

LED Codes

Solid	Action
■●●●●●●	Ensure cache module is installed and operating. If error persists, replace controller.
■●●●●●❍	Replace controller
■●●●●❍❍	Replace program card with latest HSOF software version
■●●●●❍❍	Replace controller
■●●●❍●●	Replace controller
■●●●❍●❍	Reset controller
■●●●❍❍●	Reset controller
■●●●❍❍❍	Reset controller
■●●❍●●●	Replace controller
■●●❍●●❍	Replace controller
■●●❍●❍●	Reset controller
■●●❍❍●●	Ensure program card contains latest HSOF software version. If error persists, replace controller.
■●●❍❍●❍	Replace program card
■●●❍❍❍●	Reset controller
■●●❍❍❍❍	Reset controller
■●❍●●●●	Ensure SIMMs are installed correctly. If cache is mirrored, ensure both modules contain the same amount of memory.
■●❍●●●❍	Ensure PVA IDs are set correctly for each enclosure in subsystem
■●❍●●❍●	Set PVA ID to 0. If problem persists, replace PVA. If problem persists, replace EMU. If problem persists, replace enclosure.
■●❍●●❍❍	Ensure all SCSI buses have an I/O module. If problem persists, replace failed I/O module.
■●❍●❍●●	Ensure enclosure's I/O buses are terminated. If problem persists, replace failed I/O module.
■●❍●❍●❍	Ensure I/O modules are compatible. See release notes.
■●❍●❍❍●	Upgrade either the EMU microcode or the HSOF software so that they're compatible. See release notes.
■❍❍❍❍❍❍	Ensure program card is properly installed then reset controller. If error persists, try card in another controller. If error persists, replace card, otherwise replace controller.

Flashing	Action
■❍❍❍❍❍●	Replace program card
■❍❍●●●●	Replace program card
■●❍❍●❍●	Replace enclosure
■●❍❍●●❍	Replace enclosure
All other LEDs	Replace controller

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