

DIP-74 BIOS POST Code

BIOS Boot POST Code	Description
0x10	PEI, core start
0x11	PEI, Pre-CPU initial
0x15	PEI, Pre-North bridge initial
0x19	PEI, Pre-South bridge initial
0x2b	PEI, Read memory SPD
0x2C	PEI, Detect memory
0x2d	PEI, Check memory timing
0x2E	PEI, Check memory configuration
0x2F	PEI, Memory initial
0x31	PEI, Memory installed
0x32	PEI, CPU initial
0x33	PEI, CPU cache initial
0x34	PEI, CPU AP initial
0x35	PEI, Check CPU BAP
0x36	PEI, CPU SMM initial
0x37	PEI, North bridge initial
0x3b	PEI, South bridge initial
0x4F	PEI, Prepare for DXE
0x60	DXE, core start
0x61	DXE, NVRAM initial
0x62	DXE, South bridge initial
0x63	DXE, CPU initial
0x68	DXE, North bridge Host Bridge initial
0x69	DXE, North bridge initial
0x6A	DXE, North bridge SMM initial
0x70	DXE, South bridge initial
0x71	DXE, South bridge SMM initial
0x72	DXE, South bridge devices initial
0x78	DXE, ACPI initial
0x79	DXE, CSM initial
0x90	DXE, BDS phase start
0x91	DXE, BDS connect drivers
0x92	DXE, PCI initial start
0x93 - 0x94	DXE, PCI initial

0x95	DXE, PCI check resource
0x96	DXE, PCI assign resource
0x97	DXE, Connect Console Out devices. (ex. VGA)
0x98	DXE, Connect Console In devices. (ex. Keyboard/Mouse)
0x99	DXE, Super IO initial
0x9A - 0x9d	DXE, USB initial
0xA0 - 0xA3	DXE, SATA initial
0xA4 - 0xA7	DXE, SCSI initial
0xA8	DXE, BIOS Setup verifying password
0xA9	DXE, BIOS Setup start
0xAb	DXE, BIOS Setup wait for input
0xAd	DXE, EFI ready to boot
0xAE	DXE, Legacy boot
0xAF	DXE, Exit boot services
0xb0	DXE, Set address map start
0xb1	DXE, Set address map end
0xb2	DXE, Legacy option ROM initial
0xb3	DXE, Reset system
0xb4	DXE, USB hot plug
0xb5	DXE, PCI hot plug
0xb6	DXE, NVRAM cleanup
0xb7	DXE, Configuration reset

BIOS Error POST Code	Description
0x50	PEI, Invalid memory type
0x50	PEI, Invalid memory speed
0x51	PEI, Check memory SPD fail
0x52	PEI, Invalid memory size
0x52	Memory mismatch
0x53	Memory not detected
0x53	Memory none useful
0x54	Memory error
0x55	PEI, Memory not installed
0x56	PEI, Invalid CPU type
0x56	PEI, Invalid CPU speed
0x57	PEI, CPU mismatch
0x58	PEI, CPU self-test failed
0x58	PEI, CPU cache error
0x59	PEI, CPU microcode update failed
0x59	PEI, CPU no microcode
0x5A	PEI, CPU internal error
0x5A	PEI, CPU error
0x5b	PEI, Reset not available
0xd0	DXE, CPU error
0xd1	DXE, North bridge error
0xd2	DXE, South bridge error
0xd3	DXE, ARCH protocol not available
0xd4	DXE, PCI out of resource
0xd5	DXE, Legacy option ROM no space
0xd6	DXE, No console out device
0xd7	DXE, No console in device
0xd8	DXE, Invalid password
0xd9	DXE, Boot option load error
0xdA	DXE, Boot option failed
0xdb	DXE, Flash update failed
0xdC	DXE, Reset not available