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*** C128 Auto-boot sector layout
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The C128 has the ability to auto-boot a floppy disk that is in the drive when the system is powered up, but only if track 1 sector 0 contains a specific signature. Below is a dump of an auto-boot sector with its signature.

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	ASCII
0000:	43	42	4D	00	0C	00	02	00	00	A5	D7	C9	80	F0	03	20	CBM ······•◆...Ä□··
0010:	5F	FF	A9	05	8D	06	D5	A9	4E	8D	00	FF	4C	00	0C	00	—·©·ç·'©Nç·L···
0020:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0030:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0040:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0050:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0060:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0070:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0080:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
0090:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00A0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00B0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00C0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00D0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00E0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····
00F0:	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	·····

```

Bytes 00-02: Auto-boot signature 'CBM'
      03-04: ???
      05-06: ???
      07-08: ???
      09-1E: Boot code
      1F-FF: ???

```

Below is a disassembly of the machine code contained from 09-1E.

```

org = $0c00

      lda $d7
      cmp #$80
      beq skip1
      jsr $ff5f
skip1 lda #$05
      sta $d506
      lda #$4e
      sta $ff00
      jmp $0c00

```

.end

The only document I have found which attempts to explain the layout of the C128 boot sector doesn't fit at all for the above sector layout. I am therefore not yet sure of all the details in the above sector. Anyone who has more info can contact me so I can update this document.

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