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1 flashrom-V
2
3 root@ubuntu:/home/ubuntu# cd /
4 root@ubuntu:/# flashrom --help
5 flashrom v0.9.1-r946
6 Usage: flashrom [-VfLzhR] [-E|-r file|-w file|-v file] [-c chipname]
7       [-m [vendor:]part] [-l file] [-i image] [-p programmer]
8
9 Please note that the command line interface for flashrom will change before
10 flashrom 1.0. Do not use flashrom in scripts or other automated tools without
11 checking that your flashrom version won't interpret options in a different way.
12
13 -r | --read:           read flash and save into file
14 -w | --write:         write file into flash
15 -v | --verify:       verify flash against file
16 -n | --noverify:     don't verify flash against file
17 -E | --erase:        erase flash device
18 -V | --verbose:      more verbose output
19 -c | --chip <chipname>: probe only for specified flash chip
20 -m | --mainboard <[vendor:]part>: override mainboard settings
21 -f | --force:        force write without checking image
22 -l | --layout <file.layout>: read ROM layout from file
23 -i | --image <name>: only flash image name from flash layout
24 -L | --list-supported: print supported devices
25 -p | --programmer <name>: specify the programmer device
26                       (internal, dummy, nic3com, drkaiser,
27                       satasii, it87spi, ft2232spi, serprog,
28                       buspiratespi)
29 -h | --help:         print this help text
30 -R | --version:      print the version (release)
31
32 You can specify one of -E, -r, -w, -v or no operation. If no operation is
33 specified, then all that happens is that flash info is dumped.
34
35 root@ubuntu:/# flashrom
36 flashrom v0.9.1-r946
37 No coreboot table found.
38 Found ITE Super I/O, id 8712
39 Found chipset "NVIDIA MCP51", enabling flash write... OK.
40 This chipset supports the following protocols: Non-SPI.
41 Calibrating delay loop... OK.
42 Found chip "PMC Pm49FL004" (512 KB, LPC,FWH) at physical address 0xffff80000.
43 ===
44 This flash part has status UNTESTED for operations: PROBE READ ERASE WRITE
45 Please email a report to flashrom@flashrom.org if any of the above operations
46 work correctly for you with this flash part. Please include the flashrom
47 output with the additional -V option for all operations you tested (-V, -rV,
48 -wV, -EV), and mention which mainboard or programmer you tested.
49 Thanks for your help!
50 ===
51 No operations were specified.
52 root@ubuntu:/# flashrom -V
53 flashrom v0.9.1-r946
54 No coreboot table found.
55 DMI string system-manufacturer: " "
56 DMI string system-product-name: " "
57 DMI string system-version: " "
58 DMI string baseboard-manufacturer: " "
59 DMI string baseboard-product-name: "C51MCP51"
60 DMI string baseboard-version: " "
61 DMI string chassis-type: "Desktop"
62 Found ITE Super I/O, id 8712
63 Found chipset "NVIDIA MCP51", enabling flash write... OK.
64 This chipset supports the following protocols: Non-SPI.
65 Calibrating delay loop... 498M loops per second, 100 myus = 200 us. OK.
66 Probing for AMD Am29F010A/B, 128 KB: probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash
67 content
68 Probing for AMD Am29F002(N)BB, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
69 content
70 Probing for AMD Am29F002(N)BT, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
71 content
72 Probing for AMD Am29F016D, 2048 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
73 id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content, id2 is normal flash content
74 Probing for AMD Am29F040B, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
75 id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash content
76 Probing for AMD Am29F080B, 1024 KB: probe_jedec_common: id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content,
77 id2 is normal flash content
78 Probing for AMD Am29LV040B, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
79 id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash content
80 Probing for AMD Am29LV081B, 1024 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
81 id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content, id2 is normal flash content
82 Probing for ASD AE49F2008, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
83 id1 0x9d, id2 0x6e
84 Probing for Atmel AT25DF021, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
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76 Probing for Atmel AT25DF041A, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
77 Probing for Atmel AT25DF081, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
78 Probing for Atmel AT25DF161, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
79 Probing for Atmel AT25DF321, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
80 Probing for Atmel AT25DF321A, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
81 Probing for Atmel AT25DF641, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
82 Probing for Atmel AT25F512B, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
83 Probing for Atmel AT25FS010, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
84 Probing for Atmel AT25FS040, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
85 Probing for Atmel AT26DF041, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
86 Probing for Atmel AT26DF081A, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
87 Probing for Atmel AT26DF161, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
88 Probing for Atmel AT26DF161A, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
89 Probing for Atmel AT26F004, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
90 Probing for Atmel AT29C512, 64 KB: probe_jedec_common: id1 0x9d, id2 0x6e
91 Probing for Atmel AT29C010A, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
92 Probing for Atmel AT29C020, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
93 Probing for Atmel AT29C040A, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
94 Probing for Atmel AT45CS1282, 16896 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
95 Probing for Atmel AT45DB011D, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
96 Probing for Atmel AT45DB021D, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
97 Probing for Atmel AT45DB041D, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
98 Probing for Atmel AT45DB081D, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
99 Probing for Atmel AT45DB161D, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
100 Probing for Atmel AT45DB321C, 4224 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
101 Probing for Atmel AT45DB321D, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
102 Probing for Atmel AT45DB642D, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
103 Probing for Atmel AT49BV512, 64 KB: probe_jedec_common: id1 0x9d, id2 0x6e
104 Probing for Atmel AT49F002(N), 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
105 Probing for Atmel AT49F002(N)T, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
106 Probing for AMIC A25L40PT, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
107 Probing for AMIC A25L40PU, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
108 Probing for AMIC A29002B, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common: id1
0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
109 Probing for AMIC A29002T, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common: id1
0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
110 Probing for AMIC A29040B, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common: id1
0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash content
111 Probing for AMIC A49LF040A, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
112 Probing for EMST F49B002UA, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
113 Probing for Eon EN25B05, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
114 Probing for Eon EN25B05T, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
115 Probing for Eon EN25B10, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
116 Probing for Eon EN25B10T, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
117 Probing for Eon EN25B20, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
118 Probing for Eon EN25B20T, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
119 Probing for Eon EN25B40, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
120 Probing for Eon EN25B40T, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
121 Probing for Eon EN25B80, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
122 Probing for Eon EN25B80T, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
123 Probing for Eon EN25B16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
124 Probing for Eon EN25B16T, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
125 Probing for Eon EN25B32, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
126 Probing for Eon EN25B32T, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
127 Probing for Eon EN25B64, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
128 Probing for Eon EN25B64T, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
129 Probing for Eon EN25D16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
130 Probing for Eon EN25F05, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
131 Probing for Eon EN25F10, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
132 Probing for Eon EN25F20, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
133 Probing for Eon EN25F40, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
134 Probing for Eon EN25F80, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
135 Probing for Eon EN25F16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
136 Probing for Eon EN25F32, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
137 Probing for Eon EN29F010, 128 KB: probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash
content
138 Probing for EON EN29F002(A)(N)B, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal
flash content
139 Probing for EON EN29F002(A)(N)T, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal
flash content
140 Probing for Fujitsu MBM29F004BC, 512 KB: probe_jedec_common: id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal
flash content
141 Probing for Fujitsu MBM29F004TC, 512 KB: probe_jedec_common: id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal
flash content
142 Probing for Fujitsu MBM29F400BC, 512 KB: probe_m29f400bt: id1 0x49, id2 0x44
143 Probing for Fujitsu MBM29F400TC, 512 KB: probe_m29f400bt: id1 0x49, id2 0x44
144 Probing for Intel 28F001BX-B, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
145 Probing for Intel 28F001BX-T, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
146 Probing for Intel 28F004S5, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
147 Probing for Intel 82802AB, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
148 Probing for Intel 82802AC, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
149 Probing for Macronix MX25L512, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
150 Probing for Macronix MX25L1005, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
151 Probing for Macronix MX25L2005, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
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152 Probing for Macronix MX25L4005, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
153 Probing for Macronix MX25L8005, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
154 Probing for Macronix MX25L1605, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
155 Probing for Macronix MX25L1635D, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
156 Probing for Macronix MX25L3205, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
157 Probing for Macronix MX25L3235D, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
158 Probing for Macronix MX25L6405, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
159 Probing for Macronix MX25L12805, 16384 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
160 Probing for Macronix MX29F001B, 128 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash content
161 Probing for Macronix MX29F001T, 128 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash content
162 Probing for Macronix MX29F002B, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
163 Probing for Macronix MX29F002T, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
164 Probing for Macronix MX29LV040, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash content
165 Probing for Numonyx M25PE10, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
166 Probing for Numonyx M25PE20, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
167 Probing for Numonyx M25PE40, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
168 Probing for Numonyx M25PE80, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
169 Probing for Numonyx M25PE16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
170 Probing for PMC Pm25LV010, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
171 Probing for PMC Pm25LV016B, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
172 Probing for PMC Pm25LV020, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
173 Probing for PMC Pm25LV040, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
174 Probing for PMC Pm25LV080B, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
175 Probing for PMC Pm25LV512, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
176 Probing for PMC Pm29F002T, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
177 Probing for PMC Pm29F002B, 256 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash content
178 Probing for PMC Pm39LV010, 128 KB: probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash
content
179 Probing for PMC Pm49FL002, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
180 Probing for PMC Pm49FL004, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
181 Found chip "PMC Pm49FL004" (512 KB, LPC,FWH) at physical address 0xffff80000.
182 Probing for Sanyo LF25FW203A, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
183 Probing for Sharp LHF00L04, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
184 Probing for Spansion S25FL008A, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
185 Probing for Spansion S25FL016A, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
186 Probing for SST S25VF016B, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
187 Probing for SST S25VF032B, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
188 Probing for SST S25VF040.REMS, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
189 Probing for SST S25VF040B, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
190 Probing for SST S25VF040B.REMS, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
191 Probing for SST S25VF080B, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
192 Probing for SST S25VF040A, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
193 Probing for SST S25VF010, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
194 Probing for SST S25VF010, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
195 Probing for SST S25VF020A, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
196 Probing for SST S25VF020, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
197 Probing for SST S25VF012, 64 KB: probe_jedec_common: id1 0x9d, id2 0x6e
198 Probing for SST S25VF010A, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
199 Probing for SST S25VF020A, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
200 Probing for SST S25VF040, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
201 Probing for SST S25VF012, 64 KB: probe_jedec_common: id1 0x9d, id2 0x6e
202 Probing for SST S25VF010, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
203 Probing for SST S25VF020, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
204 Probing for SST S25VF040, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
205 Probing for SST S25VF080, 1024 KB: probe_jedec_common: id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content,
id2 is normal flash content
206 Probing for SST S25VF002A/B, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
207 Probing for SST S25VF003A/B, 384 KB: probe_jedec_common: id1 0x9d, id2 0x6e
208 Probing for SST S25VF004A/B, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
209 Probing for SST S25VF004C, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
210 Probing for SST S25VF008A, 1024 KB: probe_jedec_common: id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash
content, id2 is normal flash content
211 Probing for SST S25VF008C, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
212 Probing for SST S25VF016C, 2048 KB: probe_82802ab: id1 0xff, id2 0xff
213 Probing for SST S25VF020, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
214 Probing for SST S25VF020A, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
215 Probing for SST S25VF040, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
216 Probing for SST S25VF040B, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
217 Probing for SST S25VF080A, 1024 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content, id2 is normal flash content
218 Probing for SST S25VF160C, 2048 KB: probe_82802ab: id1 0xff, id2 0xff
219 Probing for ST M25P05-A, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
220 Probing for ST M25P05.RES, 64 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
221 Probing for ST M25P10-A, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
222 Probing for ST M25P10.RES, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
223 Probing for ST M25P20, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
224 Probing for ST M25P40, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
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225 Probing for ST M25P40-old, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
226 Probing for ST M25P80, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
227 Probing for ST M25P16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
228 Probing for ST M25P32, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
229 Probing for ST M25P64, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
230 Probing for ST M25P128, 16384 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
231 Probing for ST M29F002B, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
content
232 Probing for ST M29F002T/NT, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
content
233 Probing for ST M29F040B, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common: id1
0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash content
234 Probing for ST M29F400BT, 512 KB: probe_m29f400bt: id1 0x49, id2 0x44
235 Probing for ST M29W010B, 128 KB: probe_jedec_common: id1 0xc2, id2 0x11, id1 is normal flash content, id2 is normal flash
content
236 Probing for ST M29W040B, 512 KB: probe_jedec_common: id1 0x49, id2 0x4d, id1 is normal flash content, id2 is normal flash
content
237 Probing for ST M29W512B, 64 KB: probe_jedec_common: id1 0xe9, id2 0x00, id1 is normal flash content, id2 is normal flash content
238 Probing for ST M50FLW040A, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
239 Probing for ST M50FLW040B, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
240 Probing for ST M50FLW080A, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
241 Probing for ST M50FLW080B, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
242 Probing for ST M50FW002, 256 KB: probe_82802ab: id1 0x94, id2 0xb2
243 Probing for ST M50FW016, 2048 KB: probe_82802ab: id1 0xff, id2 0xff
244 Probing for ST M50FW040, 512 KB: probe_82802ab: id1 0x49, id2 0x4d
245 Probing for ST M50FW080, 1024 KB: probe_82802ab: id1 0xff, id2 0xff
246 Probing for ST M50LPW116, 2048 KB: probe_82802ab: id1 0xff, id2 0xff
247 Probing for SyncMOS S29C31004T, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
248 Probing for SyncMOS S29C51001T, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
249 Probing for SyncMOS S29C51002T, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
250 Probing for SyncMOS S29C51004T, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
251 Probing for TI TMS29F002RB, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
content
252 Probing for TI TMS29F002RT, 256 KB: probe_jedec_common: id1 0x94, id2 0xb2, id1 is normal flash content, id2 is normal flash
content
253 Probing for Winbond W25x10, 128 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
254 Probing for Winbond W25x20, 256 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
255 Probing for Winbond W25x40, 512 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
256 Probing for Winbond W25x80, 1024 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
257 Probing for Winbond W25x16, 2048 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
258 Probing for Winbond W25x32, 4096 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
259 Probing for Winbond W25x64, 8192 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
260 Probing for Winbond W29C011, 128 KB: probe_jedec_common: id1 0x9d, id2 0x6e
261 Probing for Winbond W29C020C, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
262 Probing for Winbond W29C040P, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
263 Probing for Winbond W29EE011, 128 KB: Probing disabled for Winbond W29EE011 because the probing sequence puts the AMIC
A49LF040A in a funky state. Use 'flashrom -c W29EE011' if you have a board with this chip.
264 Probing for Winbond W39V040A, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
265 Probing for Winbond W39V040B, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
266 Probing for Winbond W39V040C, 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS. probe_jedec_common:
id1 0x9d, id2 0x6e
267 Probing for Winbond W39V040FA, 512 KB: probe_jedec_common: id1 0x9d, id2 0x6e
268 Probing for Winbond W39V080A, 1024 KB: probe_jedec_common: id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash
content, id2 is normal flash content
269 Probing for Winbond W49F002U, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
270 Probing for Winbond W49V002A, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
271 Probing for Winbond W49V002FA, 256 KB: probe_jedec_common: id1 0x9d, id2 0x6e
272 Probing for Winbond W39V080FA, 1024 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0xff, id2 0xff, id1 parity violation, id1 is normal flash content, id2 is normal flash content
273 Probing for Winbond W39V080FA (dual mode), 512 KB: Chip lacks correct probe timing information, using default 10mS/40uS.
probe_jedec_common: id1 0x9d, id2 0x6e
274 Probing for Atmel unknown Atmel SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
275 Probing for EON unknown EON SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
276 Probing for Macronix unknown Macronix SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
277 Probing for PMC unknown PMC SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
278 Probing for SST unknown SST SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
279 Probing for ST unknown ST SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
280 Probing for Sanyo unknown Sanyo SPI chip, 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
281 Probing for Generic unknown SPI chip (RDID), 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
282 Probing for Generic unknown SPI chip (REMS), 0 KB: skipped. Host bus type Non-SPI and chip bus type SPI are incompatible.
283 ===
284 This flash part has status UNTESTED for operations: PROBE READ ERASE WRITE
285 Please email a report to flashrom@flashrom.org if any of the above operations
286 work correctly for you with this flash part. Please include the flashrom
287 output with the additional -V option for all operations you tested (-V, -rV,
288 -wV, -EV), and mention which mainboard or programmer you tested.
289 Thanks for your help!
290 ===
291 No operations were specified.
292 root@ubuntu:/#
293
```