

μVGA.com VGA Timing FAQ Home

Atmel ATmega and ISA VGA

This project connects ISA VGA card to Atmel AVR ATmega 128.

Supported cards

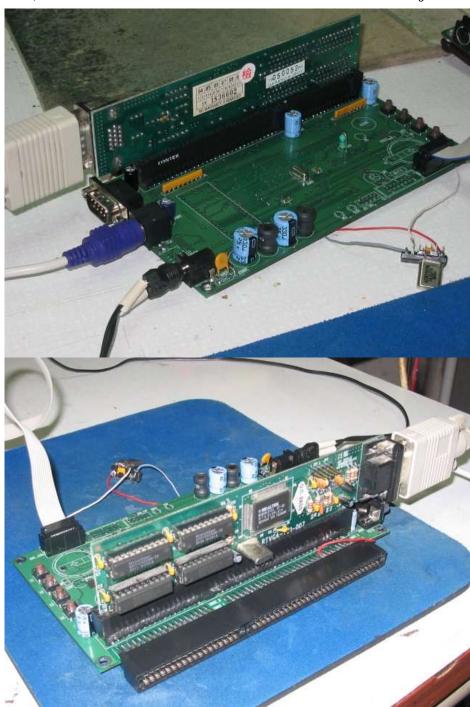
The following cards are supported:

- Realtek RTG3105iEH
- Trident TVGA9000i
- Trident TVGA9000B
- Trident TVGA8900CL
- Cirrus GD5401
- Cirrus GD5402
- Oak OTI077

Images



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```
RTG3185 chip detected !
Tauron VGA Utilities v3.8 Running on ATMEGA128 !
Thanks to Jeffrey Morgan. All Rights Reserved.
Modes with a ! are not implemented Modes a
Select a video mode to test:
                                                      Modes with a x are unchained
                      Videomode
 Key
                                                 Key
                                                                        Videonode
 8) 80H, 81H -- 48 x 25 x 16

1) Mode L -- 48 x 43 x 16

2) Mode M -- 48 x 58 x 16

13) 87H -- 88 x 25 x 2

4) 82H, 83H -- 88 x 25 x 16

5) Mode J -- 80 x 43 x 16

6) Mode K -- 80 x 50 x 16
                                                  xF) Mode D
                                                                   -- 368 x 288 x 256
                                                  xG) Mode E
                                                                    - 368 x 248 x 256
                                                  xH) Mode F
                                                                   -- 360 x 350 x 256
                                                  xI) Mode 6
                                                                    - 368 x 488 x 256
                                                  xJ) Mode H
                                                                   - 368 x 488 x 256
                                                   K) 86H
                                                                    -- 648 x 288 x Z
                                                  IL) OFH
                                                                    - 648 x 358 x 2
 7) 84H, 85H - 328 x 288 x 4
                                                                    - 640 x 488 x 2
                                                   M) 11H
                -- 320 x 200 x 16
-- 320 x 200 x 256
 8) ODH
                                                   N) BEH
                                                                    - 640 x 200 x 16
 9) 13H
                                                   0) 10H
                                                                    -- 648 x 358 x 16
xA) Chain 4 - 328 x 208 x 256
                                                   P) Mode I
                                                                   -- 648 x 488 x 16
xB) Node X -- 320 x 240 x 256
xC) Node A -- 320 x 350 x 256
xD) Node B -- 320 x 400 x 256
                                                   Q) 12H
                                                                    -- 640 x 480 x 16
               -- 328 x 358 x 256
-- 328 x 488 x 256
                                                   R) Dual Font Test
xE) Mode C - 328 x 488 x 256
Hit 'ESC' to exit. Press a key [8-9 or A-0]>
```

Files

- C source codePDF schematics

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