Someone ‘reversed engineered’ the matrix and breaks down how they believe the control signals work and other specs:

<http://www.rayslogic.com/propeller/Programming/AdafruitRGB/AdafruitRGB.htm>

Related to interfacing FPGAs with Microcontrollers:

<https://www.eetimes.com/document.asp?doc_id=1274649&page_number=3>

<https://elinux.org/Connect_a_ARM_Microcontroller_to_a_FPGA_using_its_Extended_Memory_Interface_(EMI)>

<https://www.ovro.caltech.edu/~dwh/carma_board/fpga_configuration.pdf>

<http://idlelogiclabs.com/2012/04/15/talking-to-the-de0-nano-using-the-virtual-jtag-interface/>

<https://cdn-learn.adafruit.com/downloads/pdf/32x16-32x32-rgb-led-matrix.pdf>

Unsorted:

<https://cdn-learn.adafruit.com/downloads/pdf/32x16-32x32-rgb-led-matrix.pdf>

<https://github.com/adafruit/RGB-matrix-Panel>

<https://github.com/hzeller/rpi-rgb-led-matrix/blob/master/wiring.md>

[https://web.archive.org/web/20121201205905/http://www.hobbypcb.com/blog/item/3-16x32-rgb-led-matrix-technical-details.html](https://web.archive.org/web/20121201205905/http:/www.hobbypcb.com/blog/item/3-16x32-rgb-led-matrix-technical-details.html)

<https://cdn-learn.adafruit.com/downloads/pdf/adafruit-rgb-matrix-plus-real-time-clock-hat-for-raspberry-pi.pdf?timestamp=1544379514>

<http://effbot.org/imagingbook/imagedraw.htm>

<http://effbot.org/imagingbook/image.htm#examples>

<https://learn.adafruit.com/fpga-rgb-matrix/overview>

<https://cdn-learn.adafruit.com/downloads/pdf/fpga-rgb-matrix.pdf>

<https://github.com/adafruit/rgbmatrix-fpga>