LED DRIVERS

<http://www.issi.com/WW/pdf/IS31FL3737.pdf>

IS31FL3737

* Drives up to 144 LEDs (12 x 12 matrix)
* Iout per column = 45 mA
* 256 dimming steps
* 45 mA per column, but multiplexed so brightness impaired.
* QFN package

<https://www.digikey.co.uk/en/product-highlight/a/adafruit/is31fl3731-matrix-led-driver-breakout-board> -> breakout board to test this chip

<http://www.st.com/content/ccc/resource/technical/document/datasheet/6d/fb/4d/93/de/80/45/b2/DM00113642.pdf/files/DM00113642.pdf/jcr:content/translations/en.DM00113642.pdf>

STLED524

* Drives up to 120 LEDs (5 x 25 matrix)
* Iout per LED = 20 mA
* Iout total = 450 mA
* Dimming in 255 steps
* Cycle time and slope time can be adjusted for each LED separately
* Not I2C

<https://industrial.panasonic.com/content/data/SC/ds/ds4/AN32181B_E.pdf>

AN32181B

* Drives 144 LEDs (12 x 12 matrix)
* Iout per LED max = 25 mA
* 8 modes of brightness
* QFN package