

There are four Arduino sketches here for the MEGA.

They are all for my 8x8x8 cube with reverse-biased LED pairs.

Each one contains all the support software like the timed interrupt that refreshes the cube. To create your own animations, just delete the content in the main loop, and start developing your own animation.

- 1) 888_panelTest is for use during construction to test panels as you build the cube. It is important to test as you go, as it is very difficult to fix problems once they are in the middle of the cube
- 2) 888_show is the demo show for this cube. This 4 minute show is what you see in the video.
- 3) 888_another_show is another 9 minutes of animations that was not on the original show, so not on the video. These are additional animations from other cube projects that I have been gradually converting over to display on this cube. One of the things you will see in this show is several animations based on rotation routines that rotate stuff around in the cube using polar coordinates. And there are also several more animations based on my sprite object class.
- 4) Finally, the 888_super_show combines everything in both shows above to give you a show with 35 animations that lasts for 13 minutes before repeating.