

MagicJellyBean.org

October 21st, 2021

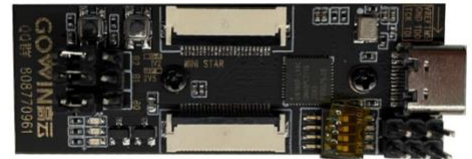


MagicJellyBean Is Here!

MagicJellyBean is an organization established to enable hobbyists, academic researchers and electronic enthusiasts with FPGA and microcontroller capabilities for embedded edge electronics projects. The intent is to create a community of like-minded individuals who can share ideas, projects and wisdom in the FPGA and microcontroller field through an affordable and easy to use platform.

Flagship Featured Embedded μ SoC FPGA

The MJB MiniStar board enables a seamless connection between programmable logic devices and embedded processors. It is compatible with a wide range of peripheral device standards, significantly reduces user costs, and can be widely used in industrial, communication, servo drive, and other fields.



Backed By Powerful FPGA Software

A FPGA development environment powered by GOWIN Semiconductor providing design entry, code synthesis, place & route, bitstream generation, and programming for GOWIN FPGAs. Allows users to seamlessly edit their FPGA projects for any number of creative ventures.

*The Intent is to create a
community of like-minded
individuals*



Demos and Tutorials to Get You Started

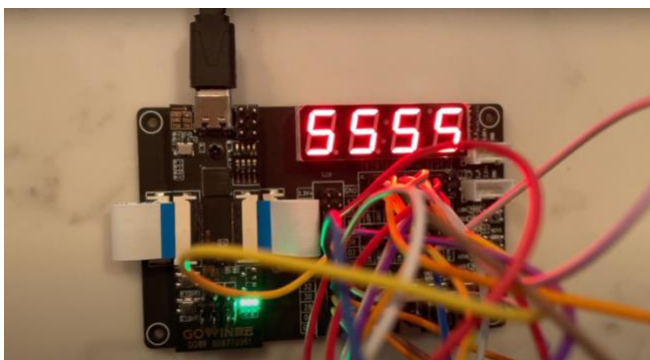
MagicJellyBean is geared towards anyone who is curious about the FPGA and Microcontroller world. Our demos and Tutorials will take you step by step into the FPGA design world. Before you know it, you will be compiling Verilog files and programming your MiniStar board to light up in different sequences.

University Programs for Capstone Projects

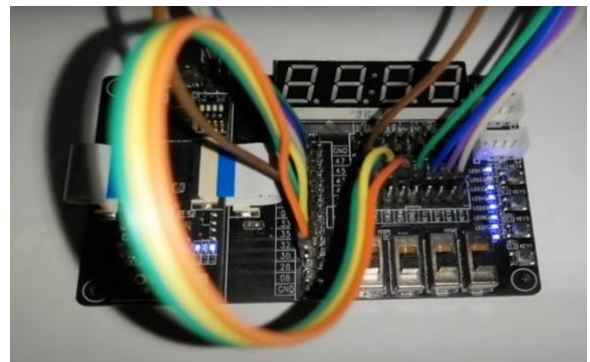
MJB is a partner and enabler of FPGA education for universities around the world. Involved with students on multiple levels of their learning journey. Anywhere from students who are just starting to dive into the world of FPGAs to students working on their final Capstone projects. As more students and universities work with MJB, the more student projects will be available for the public to explore and learn.



Some New MJB Tutorials



MiniStar Digital Tube Demo



MiniStar LED Demo

We are excited to connect multiple levels of FPGA and microcontroller knowledge. Through fun projects and accessible hardware, MJB is the perfect place to connect with other enthusiasts. We look forward to helping this community grow as we add more hardware, software, and student projects. Stay tuned for our next major update as MJB grows!