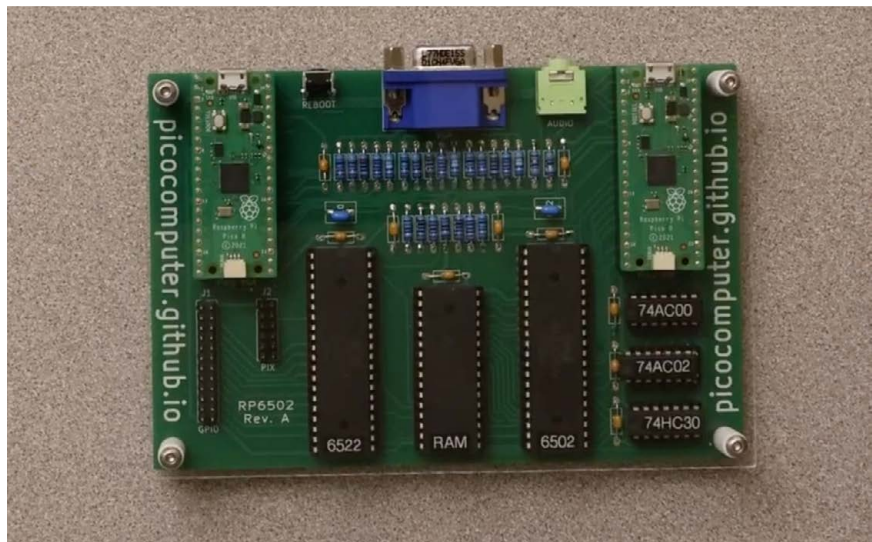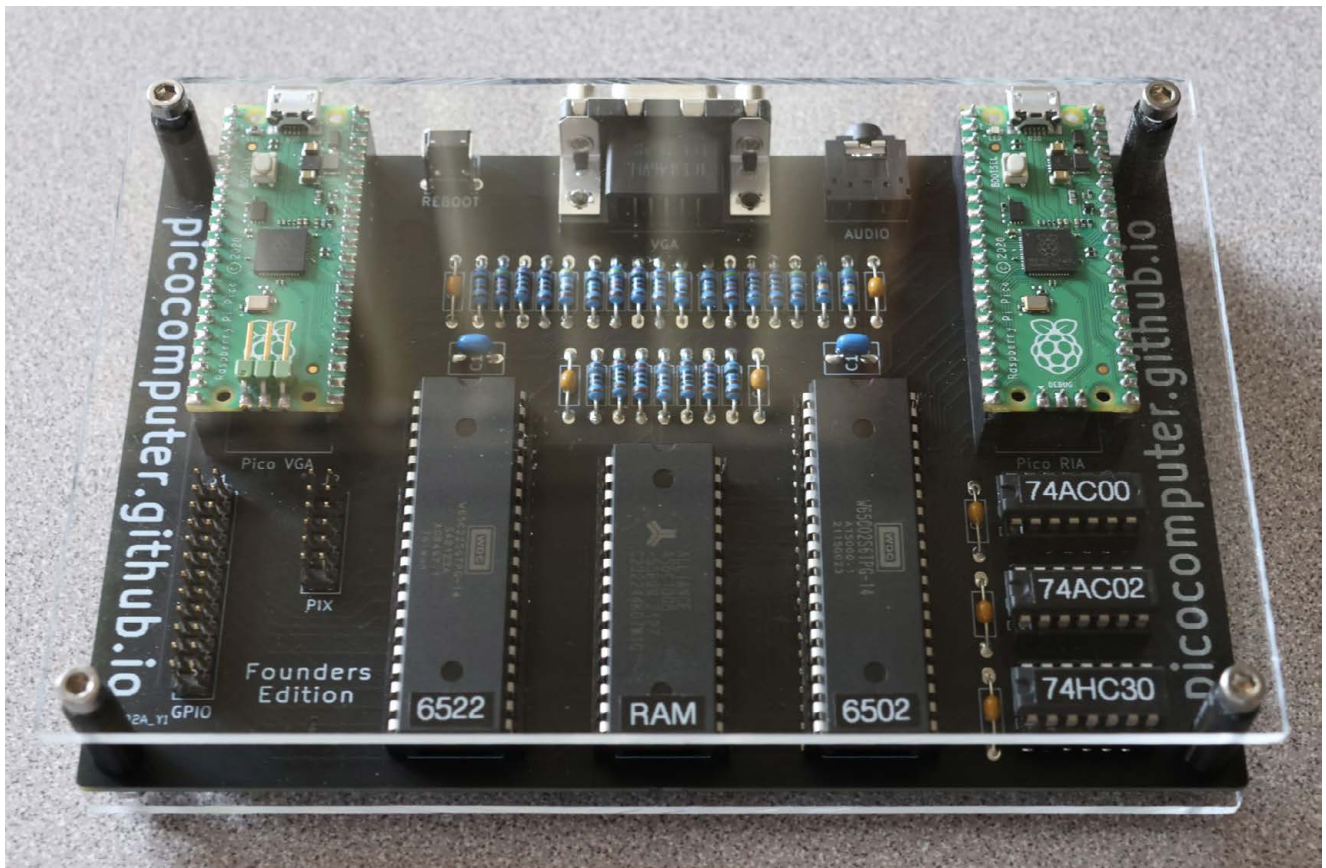# Picocomputer 6502

By Rumbledethumps

rpimag.co/PicoComputer

The **MOS 6502 was an 8-bit microprocessor first introduced in 1975.** It was the backbone of loads of classic computers and gaming consoles, including the Atari 2600, Nintendo Entertainment System, Commodore 64, and BBC Micro. And now you can get your get your hands on a computer that works the same way as those old machines did, which slots together with no soldering. It's a miracle, and it's brought to you by retro computing enthusiast Rumbledethumps.

The Picocomputer 6502 is truly open-source hardware: just download the design files from GitHub, send them to the PCB manufacturing service of your choice, slot in the components (which are all common and available from, among others, Mouser), and you've got a machine that will bring a tear to the eye of anyone who played with computers as a child of the '80s.

The fact that anyone can build it themselves is testament to some brilliant design work by Rumbledethumps. And, of course, we're delighted to see a pair of Raspberry Pi Pico microcontroller boards as part of the build.

▲ The Picocomputer 6502 now comes with Wi-Fi – though without a browser, you'll not be able to use it to waste time on social media