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Subject: Re: General Instruments CTS256A-AL2 vs. Microchip CTS256AL2

Posted by [lynchaj](#) on Sun, 31 Mar 2024 15:46:03 GMT

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Hi

This idea of replacing the CTS256 with a TMS7001 plus 2732 EPROM is like an itch that won't go away. I am designing a PCB to test the theory and bought a few TMS7001 parts on eBay. Maybe this has been tried before? If it works, it should bring the sky-high prices of CTS256s on eBay back down to earth. At least there will be a second source of parts.

Is anyone interested in playing along? The modifications to a regular test-to-speech board are quite modest and the board retains the option of using legacy CTS256 chips. Plus, if the CTS256 boot firmware is now external, it opens the door to custom firmware loads and all sorts of interesting things can happen.

Thanks, Andrew Lynch

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