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TDS3 module reprogramming

1 message

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<https://www.edaboard.com/showthread.php?2506-Copy-Tektronix-TDS3000-Modules>

the TDS30xx modules consist of two components, a smd capacitor and a smd X24C02. It is a standard 256 Byte I2C EEPROM. The functions are not in the module ! The modules seem to enable some functions, that are already included in the scope.

A module has 6 pins, 2 power supply, 2 addresses (A0, A1), SDA and SCL for I2C bus. The content of a module can be read out by a standard prommer.

<https://www.eevblog.com/forum/projects/tektronix-tds3000-oscilloscope-modules-tds3uam/25/>

- even an original plugin module has x24c02 eeprom and write NOT protected by hardware pin, you can not reprogramm it. (Seriously I do not know why, it is writeable only from 0x00 till 0x04)
- I found one atmel 24c02b eeprom on my old PC 256Mb DDR1 RAM, (but of course it is happened after that I already ordered some eeprom...) So I replaced original eeprom on the original plugin module and tadaaamm I can erase it and program to as TDS3ENG module.

<http://forum.tsebi.com/viewtopic.php?t=113>

<https://www.kanda.com/blog/programming/copying-serial-EEPROMs/>

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