

Summer projects and MSX

Written by CodeAsm

Monday, 12 August 2013 20:35 - Last Updated Monday, 12 August 2013 21:10

Recently I recieved a pakage from Japan containing the following ic:

Yamaha V9958



This is ofcourse a Video chip belonging to the 80s MSX series. Awesome looking 64pin DIP.

I did another search on the internet and yes, I realy like to build a MSX from scratch or at least a MSX upgrade card to turn my MSX to a Msx2 or even a MSX2+.

A qoute from [Wiki](#) :

The **Yamaha V9958** is a [Video Display Processor](#) (VDP) used in [MSX](#) 80s home computers.

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More specifically, the

[MSX 2+](#)

,

[MSX turbo R](#)

and the "TIM" upgrade to the

[TI-99/4A](#)

. The Yamaha V9958, also known as MSX-Video, is the successor of the

[Yamaha V9938](#)

. It was clearly conceived not to be a very major upgrade to its predecessor, which hampered its adoption. The main new features are three graphical YJK modes (with up to 19268 colors) and horizontal scrolling registers.

I now want to buy the following:

[YM2413 \(maybe more, to play with\) DIP14](#)

[YM2149](#) aka AY-3-8920 (DIP64, so i want to use it in a socket)

Some RAM chips for Video, CPU

And of course make a PCB for this all.

I also know that I have difficulties keeping my projects simple, ill start writing a add-on Card for my existing MSX, try making some game.

And maybe start making an upgrade card in such a way that an home-brew MSX can also use it. Magic everywhere. Also I really need to go understand Glue logic.

Hope I don't break stuff :D

and I rly have no idea, maybe I should do something with my N8vem aswell, to get "into" stuff.

Remember this? its my N8vem, it still running so now and then. I should make some more cards for it :P

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