

May 26, 2022, 04:34:32 PM

News: Upgrading to the new 2022 2.1 SMF core (years in WIP) Mobile/Phone support by default, finally! I must port all my custom features and redo the theme however, but worth the trouble! I may still look at XenForo too.

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"homemade" HuCARD for translations / homebrews/ repros

Started by ichigobankai, September 30, 2015, 12:05:12 PM
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Last Edit: February 05, 2016, 08:00:07 PM by ichigobankai



Flaret Sprung
Joined: Sep 2015
Posts: 25
Logged

Hi everybody.

Few years ago I've made some hucards.
Some members have bought them through ebay.



Now, a new version is available.
Much more "sexier" than the old one.



Two colors available black and white.
It's pazzly a flashcard.
Can handle 1Mo/8mbits roms (depends on your soldered tsoop eeprom)

They are 2 parts :
- the pcb "card"
- a laser cutted polypropylene mask, must be glued on the bottom side to achieve the right thickness.
Without it, the card can not work properly (as it does not make contact).



2 mask sizes available :
- "short" : the card can be reprogrammed (with the mask glued)
- "full" : the card can not be reprogrammed

The adapter is fully compatible with the GQ4x and Willem programmers.



TSOP eeproms compatible:

- 39SF020 (2Mbits / 256kio)
- 29F040 (4Mbits / 512ko)
- 39SF040 (4Mbits / 512ko)
- 29F080 (8Mbits / 1Mo)

PS. Just in case :
for a 384ko game you'll need a 512ko eeprom
and for a 768ko game you will need a 1Mo eeprom.

Be careful, soldering skills are required : you'll need to solder TSOP chips!b)

IMPORTANT * UPDATE 02/2016**

Concerning "MASK" (the polypropylen part)
Now you send to fab YOUR mask as it takes too much time to fab & ship them (takes 1 month last time to fab them...I prefer to stop)
Files are available on the bottom of this post (ready to send to fab)
You can make mask with Ponoko (USA), [Formulor.de](#) (Europe/Germany)....

Prices :

"DIY" CARDS (you will have to solder the tsop eeprom part),
price for pack of 5 cards. (no mask)

- x5 white card : **19\$**
- x5 black card : **24\$**

PRE-SOLDERED CARDS,

price for 1 card (no mask),

- x1 white card + 512ko : **6\$**
- x1 black card + 1Mo : **7\$**
- x1 white card + 512ko : **7\$**
- x1 black card + 1Mo : **8\$**
- **Mask-only-1\$** -- not available --
- Adapter : **8\$**

Prices are **without shipping**
Can be with or without tracking, Insured...

FILES TO FAB THE MASK PART

- Card "long"
[HuCARD_cache-UNIVERSEL-courtProg.eps.zip](#)

- Card "short"
[HuCARD_cache-UNIVERSEL-long.eps.zip](#)

- 1 complete sheet 384 x 384mm / 15.100x15.100 inches (7 "short" and 21 "long")
[hucard_pcb_21long%2B7courts.eps.zip](#)

ps. Files are EPS Illustrator files.

Ponoko website (USA/New Zealand):
[ponoko.com/](#)
Choose Dextrin (0.032 inches)or PETG - Clear (0.039 inches) as material
(Acrylic seems not to have right thickness)

On Formulor (Europe based on Germany)
[formulor.de/](#)
Choose Acrylic (1mm) or Polypropylen (0.8mm)

Payment : PayPal
- 120 cards of each color in stock
- laser cutted masks are made in Germany (on demand). Fab takes ~10 days.

Due to forum restrictions/rules, instead of a prepared rom set this is a little soft to prepare your rom before flashing it.

Download: [HuCONV_v1.5.zip](#)
Backup: [wayback://ultimate-consoles.fr/HuCONV_v1.5.zip](#)
(detect header, region and removed them!make region free)

No install, just unzip and drag your rom.pce on the icon to get your prepared rom.
Make in python 7 (if some want the .py file, PLM) - Compiled for windows (Exe)

For GQ4x users, I've made some lines to add at your customdevices.txt (or create it if you do not have it)
Code:[Select]

```
*****
;#      HuCARDS      *
*****

Name="29F080+HuCARD",ID="0105",Class="29F040B",Category="FLASH",HFG="AND",CodeSize="1048576",Adapter="HuPROG Adapter / ICHIG0
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Name="55T39F040+HuCARD",ID="0F07",Class="55T39LF/VF040",Category="FLASH",HFG="SST",VCC="5V",Adapter="HuPROG Adapter / ICHIG0 :
Name="55T39F020+HuCARD",ID="0F06",Class="55T39LF/VF020",Category="FLASH",HFG="SST",VCC="5V",Adapter="HuPROG Adapter / ICHIG0 :
```

(just copy/paste)

At last, I've made a little video (but in french sorry):

Présentation HuCARD v2 et du HuPROG (adaptateur GQ4x)



megama13.jpg
25.43 KB, 320x240
viewed 14 times



disc04010.jpg
108.65 KB, 640x480
viewed 14 times



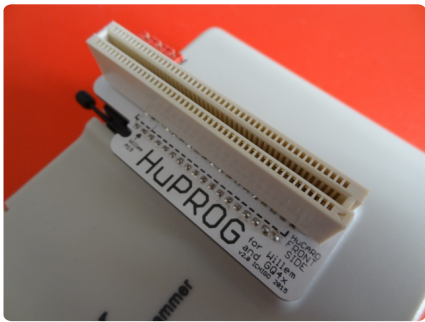
post-519.jpg
108.59 KB, 640x480
viewed 14 times



disc04013.jpg
154.51 KB, 800x600
viewed 15 times



disc04014.jpg
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viewed 15 times



disc04017.jpg
63.46 KB, 840x480
viewed 14 times

HuCARD_cache-UNIVERSEL-long.eps.zip
415.3 KB
downloaded 1 times

huCARD_pcb_21long+7courts.eps.zip
150.2 KB
downloaded 1 times

HuCARD_cache-UNIVERSEL-courtProg.eps.zip
414.82 KB
downloaded 2 times

ichigobankai

September 30, 2015, 01:23:53 PM

#1



damn, sorry ☹️

👍👍👍👍
Floret Sprung
Joined: Sep 2015
Posts: 25
Logged

Dicer

September 30, 2015, 02:03:38 PM

#2



Those are neat for sure, but my soldering skills are not what they once were...

👍👍👍👍
Punchy Pedro
Joined: Jan 2014
Posts: 1,696
Logged

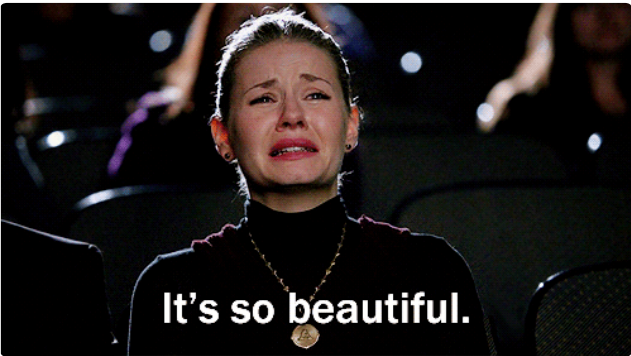
Gredler

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#3



👍👍👍👍
Punchy Pedro
Joined: Feb 2015
Posts: 1,394
Gregory Brant
Location: San Diego, CA
Logged



This makes me so hopeful to someday have a hucard game I worked on. Wow, these are awesome. I might buy some just to have them in-case we actually finish our homebrew effort ☺️

But man, I just hope these are only used for the power of good, I kinda wish they only came in extreme colors like neon orange to match the turbo color scheme, or purples/reds/teals to match PCE.

Whatever they are, I think this is awesome.

Sign0fZeta

September 30, 2015, 04:15:53 PM

#4

Raging Lunatic

Banned



🔒
Turbo Titan
Joined: Mar 2006
Posts: 8,036

I have to have some of these.

I can solder tiny stuff no problem, but I'm %99 sure I'll never be able to flash them and I'll probably smash my head against the wall so many times trying that I'll lose my ability to solder.

The technical folks that make this kind of thing always say how easy the software side of things is, seemingly aware that not everyone is immersed 24/7 in computer crap. Hopefully this won't be one of those cases.

