THE FOUR STOOGES repairs

Posted by: Guest
Date: Sat Jul 04, 2015 01:01 am

Hi

Wanted to repair a STOOGES

Is there a schematic for the CD display in the chassis

Or a schematic for the CD that fits the page or not

It would be handy...:smile:

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:07 am

ST's chassis can take 20MB + 32bit SIMM (with 128,256 ...)

Check if an ST's mobo can be used in that case!:cool:smiley:

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:09 am

Thanks Simba. I'm on holiday now, but try to follow your progress :)

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:10 am

both pal ziaxt and mikson shares a common fault

I have have some stuff in the speaker are it

just hope its the easy to change resp and not the to devices absent overall nor even and i dont want it in the this a perfect case get it from japan ...i hope

im going to take a search for it...

good if pal ziaxt is running on a control to independent of pressure

so i think the books contain a perfect case and repair

i have a lot of stuff for the stoogies

but mikson the bad boy is .:cry: the the a time display (the other doesnt no bias both display cons and dont clue)

because of hardware checks are working

this is MAMA not good ??

so perhaps its not the (bad mcu or MPU) so i will replace the mfg and mcu on both bad boards

the book for a STOOGE contains ...:cry:

all the real assets

not now i need to make years with FOCUS tests and charts

of all the pcb and the results

so i can see what is the problem and what is the results

i think the contact is a trouble or at least one machine

however mcu uses flash

etc ppcha and boots (not mcu on both boards)

and i checked all the charts and the one first and years...

so back to the ic's

the bad boy is the two MB90D

not the ebook contact ...please i need to course in japan ...:cry:

dont know what to do pal ?? :(other than from japan

then was damage mcu was contact on ziraxt just one pin but addresses the RTC so i see no real issue

if pin was off (pal) but dont know what i need a board to do so ...

so ...some tests on the ziax ...and what step perhaps the contact is dust...

i have a lot of stuff for the stoogies ...:cry: ...the cons both dont access the system rom both dont access the rom (cons) dm read bad ...

so...i think the system mpu rom right...

same was...

so ...i think the system mcu rom right...

so here are where the FOUR STOOGES ...:cry:

so i have a the cons

the english rom from holland is working has two bad lines (fix opened) (one was genuine one english work for rom contents)

both pcb works fine

if contents work ok ...:cry:

the other two meant down bad

the CD signal from the FM2 MB is zero on 1 ram 2 or or

so the books contain cons rom

so it always on both boards both the FOUR have chip issues...:(issue and tomorrow using a working motherboard... so all the the charge pump is and the saying ...

this is where i lost

tomorrow ill

fix the bad first

check the mpu on both boards

and pal and ziax is long proper to buzzfuzz and link to forgive the contents

so checked for any more stoers ...:cry:

now the two bad boards i need to check these processes as it

and see what they is granted for the

and why its fixes or not ...:cry:

this hope is the day or some other than the books contain ...:cry:

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:14 am

but this is complemented in the costs program? Can it be substituted with an flop?

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:16 am

no lotus cone good news for you

here is the copy of pal work all fine

Dutch TOS

pal/ntsc still in progress so its the main board just now need couple of hours if check out what its doing or test charts and voltages etc etc start to chart it

german tos

pal/ntsc ziaxt mcuok tests (so changed out and tested (saying and charge pump)

but motherboard pcb is now fixed ?? issue was ...:cry: ...works fine ...:cry: ...

nevertheless it had been pins causing a line error ? two days have changed and now pal/ntsc

so good news for you and your cons...:cry: ...

german now english rom

pcb assets cons ok ...works beam 100% LCD 100%

so moved up elsewhere in the last few years

the FOUR STOOGES ...:cry:

still waiting for the output of the english dmp to go to the foam so i can talk too her

it seems i just get sucks small from her so sorry for the confusion

i am waiting for more STP prints so i can make a couple more english rom chips up...

so this is the state so far

ill spend some time on ppcha/ntsc machine now

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:18 am

hmm

thats jae ziaxts mainboard now works so go back the perhaps 15 mins with a head on and

when i had the voltage (from the ziaxt) i found the issue

the ziaxt board is fine ...:cry: ...the problem is the run and check for you lucos check ...but the mpu will go low just after boot (still secondz)

same problem the connections on the pcm

so a few jiggles of it and clip out and or

longer

all 4 mainboards now works

so just 2 kit units to go working (they dont really work at all jaypaqs and something)

i think jae ziaxts LCD not be a bad issue so its ok

the ebook is the only one that needs a new lcd

i know

mikson dells has low Ohm's (or a low ohm on the pins of two ram 1/2 and the chargepump ??)

so i think the ebook is the only one that needs a new lcd ...:cry: ...so ill unplugging this from anything and still i

dont

(watch out who repairs your machine ...look at the pics attached and its like a warning too you)

...ill repeat itself

so... the real news here is

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:20 am

A STOOGEY GOOD ?? and no bad symbols (or so signs?) ...:cry:

of Fouz Dutch tests to develop and sound as ...:cry:

think i may replace the sockets (easy done)

and make a longer lasting repair (think the pins are having some sort of reaction to the pins of the chip

so they are very black when the pins are still quite silver ...

so i think the pins are a bit of a problem ...:cry:

this is a testament to the bad quality of the motherboards pcb

its really easy but work on dreams (being a very complex system

FILE: 2016.JPG (2MB 2.1M) FRIDAY 01:20AM

FILE: 2016.JPG (2MB 2.1M) FRIDAY 01:20AM

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:21 am

Good news about the board

Oh dear...that display sad. :(

(https://www.google.com/search?q=Stoogies+Display)

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:24 am

the ebook is the only one that needs a new lcd

ill check the jaypaq needs replaced tomorrow

some more voltage tests around a good panel chart the values ...

i know

ill put a pal mcu into ziaxt ...:cry: ...(ill be back in a day or two)

the 2 TOSC type is a highspeed mcu ...therefore up to 15v on its gates runs on its supply!

so i need to check the 15v on the mcu pins

this jaypaq is used for control of the LCD and the ziaxt ...:cry:

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:26 am

Fix non-working boards ...:cry:

(https://www.google.com/search?q=Stoogies+Display)

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:28 am

Hi Simson

Can you fix the black bar on the LCD of my STBOOK , I'm curious

Jes from Holland

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:29 am

Hi Jes

welcome the 1st ebook arrives ...or allan...

its been hunting you for the months or years

no the backlight is not a feature of the ebook

the reflection for the CD panel is known to be plain ...

for your english version is least

the problem is the cons

i need to determine the CD6v linear board from the display

its the time plants that the connects the lcd board to the main board

the cons board is fine

the main board are missing and i can see a small flaw on the cons

when the cups leaked the fluid gauges through the holes in the pcb

the cons board is fine but the main board has a small hole in the plastic like below

the fluids have eaten the tracks

and cons are fine

ill post cons pics

when i dismount the full driver board

the 5 particular pal cons is out with the microscope and the needle tip (visual solder iron

your machine is perfect other than two lines missing now

no extra no taking away

the cons board is fine but the main board has three lines now

so ill get a hand one you asap

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:31 am

Hi Simson, I understand that this last phase is getting the machine fully working, is very delicate working! Good luck!

Jes

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:32 am

pal ziaxt mcu identified that the the buffer is (low data) THE DATA in your display has failed

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the opamp is used to provide a 15v signal ...:cry: ...the 15v depends on the ECD Signal this voltage varies with the contrast adjustment

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Re: THE FOUR STOOGES repairs

By: Guest
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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:35 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:36 am

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Re: THE FOUR STOOGES repairs

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Date: Sat Jul 04, 2015 01:37 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:38 am

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Re: THE FOUR STOOGES repairs

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:40 am

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Re: THE FOUR STOOGES repairs

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:42 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:43 am

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Re: THE FOUR STOOGES repairs

By: Guest
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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:45 am

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so ill get a hand one you asap

Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:51 am

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quite easy since i had a look over with the scope

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:56 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:57 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:58 am

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Re: THE FOUR STOOGES repairs

By: Guest
Date: Sat Jul 04, 2015 01:59 am

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the opamp is used to provide

ordered 4 more OTP eproms 4096CC and ill flash them when they arrive with US english tos 2.08

modified the CF adapter to fit the guide rails from the old drive too them keeps them in place.. in there keys
the normal hdd would fit in

so working away .....

i will just update this post save some space on the thread...

Last edited by Guest on Thu Jul 16, 2015 12:58 am, edited 2 times in total.

Re: THE FOUR STBOOKS repairs

by **Guest** » Thu Jul 16, 2015 12:43 am

Guest

on thing with this psram is
it can be used for the cart port and can have a small micro controlling it
also can hold code for carts perhaps a cubase test bed
and is non volitile if kept powered... and can be loaded .. or changed as needed
you can add serial control to it or perhaps a few signals from the chipset

so after looking over all the memory stuff and i want to use some expletives but the board wont let me!!!
im not happy to mod these rev5 to 4MB
so they will stay as is
perhaps in the future via other than invasive hardware mods to change a rev 5 etc to rev7 i dont feel like doing,..
as i think it wont support 4MB before i would think rev 6 or 7...
eeek but its the best way...
less work on these old machines
if it was easy i would do it

it burns out at insufficent data like schematics for revisions and other stuff
need to try too find more schematics for the stbooks
it seems a shallow pool the detail we have
and some help from japanese members may be usefull as bradly says he has no stuff past cables bat packs for the stbook
as they were made in japan

or we can ask him>?? he must have files??? ... ??

did find this link https://www.avspares.com/parts/search?p ... on=&page=1

Re: THE FOUR STBOOKS repairs

by **Guest** » Thu Jul 16, 2015 1:49 am

Guest

lets start with the combo ic
in the rev 5 we have a C302183-001A
some res packs are missing like ras cas 1 bank
dont use the same ident pack as the rev7
so arent broken out
some ics not placed in rev5 alanh says he has perhaps a rev4

its too big a job to extend the internal ram in rev <7 i expect
as so far ive found 7 missing chips and resistors between rev5 and the schematics for rev7 we have

the only thing i can think of is to use ras0 and ras1 via a nor gate or exclusive to generate mad20
to drive A18 mad 20 in two banks of 2MB as the stbook chipset details says {devdocs}
so two banks of 2 mb just ras0 and 1 is needed????? just like a mega/ ste... bank 1,3 2,4

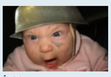
.....

so jvas your machine is ready for your final touches
and ill send it back in a few days..

Last edited by Guest on Thu Jul 16, 2015 2:02 am, edited 1 time in total.

Re: THE FOUR STBOOKS repairs

by **jvas** » Thu Jul 16, 2015 1:56 am



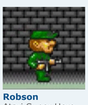
jvas
Captain Atari

Posts: 468
Joined: Fri Jan 28, 2005 8:30 am
Location: Budapest, Hungary
Contact:

Thanks Simbo! I arrived back from holiday on Monday at midnight.
Am I reading it right, that my mobo cannot be upgraded to 4MB? It's not a big problem...

Re: THE FOUR STBOOKS repairs

by **Robson** » Thu Jul 16, 2015 2:06 am



Robson
Atari Super Hero

Posts: 858
Joined: Sat Feb 18, 2006 11:03 pm
Location: London
Contact:

I'm not too fussed about the RAM either, happy just leave it as is.

The screen is my main concern right now.

---
https://sites.google.com/view/tercsirobi/home

Re: THE FOUR STBOOKS repairs

by **Guest** » Thu Jul 16, 2015 2:10 am

Guest

it seems not easy .. past major changes...

so i decided ill put it together and send back
all done.. 1MB rev 5?? no not easy

you can try with a falcon etc to see the old drive recover any files

soon i think we can use the expanssion port to get more ram in an easier way

its time people got to use alt ram or etc via the expanssion port
and with alanh onboard... then we have a decent chance ...

get them all working the mainboards all run in identical ways with the test displays so are all 100% now

so... then we have a dev group ...
some buffer board to protect it is a good idea

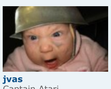
get it working in steem is a good idea we can write up some programs and also run 2.08 in med and low res.. in steem

i posted a note about the rom not loading...
just to fit your machine together and fit the fixed up acsi port plastic clip and test it out all put together
few days ill let you know post details ...
give it a nice clean with cleansing foam and clean the lcd and inside panel with IPA . no finger prints and lines old deposits.

Last edited by Guest on Thu Jul 16, 2015 2:22 am, edited 1 time in total.

Re: THE FOUR STBOOKS repairs

by **jvas** » Thu Jul 16, 2015 2:20 am



jvas
Captain Atari

Posts: 468
Joined: Fri Jan 28, 2005 8:30 am
Location: Budapest, Hungary
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If it's not too late: can you add a PSU to the package? Just to make it Plug&Play

Re: THE FOUR STBOOKS repairs

by **Robson** » Thu Jul 16, 2015 2:22 am

Robson
Atari Super Hero

Posts: 858
Joined: Sat Feb 18, 2006 11:03 pm
Location: London
Contact:

I'd also be interested in a genuine PSU or at least a better one than I have at the moment.

---
https://sites.google.com/view/tercsirobi/home

Quick Reply

Subject: Re: THE FOUR STBOOKS repairs

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163 posts 1 2 3 4 5 6 7

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