

Product:	Tamura Energy-Saving Switching Power Modules	 
Description:	<ul style="list-style-type: none"> • Standby Power - Compliant to Energy Star • Noise Reduction - Reduced up to 1/10 • Innovative design – Less discrete components needed • Compact Form - ½ the size of Discrete Design 	 Download Datasheet

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PCB Prototype for \$2
 (Any Color)


MSOX3104T \$6,633.09 ~~-\$7,370.10~~
Save an extra 10%!



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Topic: **R&S SML01 Screen Lines** (Read 313 times)

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xtjacob

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 **R&S SML01 Screen Lines**

« on: January 03, 2019, 03:54:03 am »

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I've acquired an used SML01 for \$90 at a swapfest. The guy I bought it from said the only thing that happened when you turned it on was the fan spun up. Well, after some poking around I noticed the cable running to the screen was kind of loose. After plugging it in the screen came up correctly, but has a couple of lines in. I've been trying to narrow down the problem, but I'm uncertain if the issues lies with the display itself, or something on the mainboard running the screen part. I've seen that you can buy new screen modules online, but they're like \$100 and I wanted to narrow down the problem before I spent that kind of money...

Made an album here (Used imgur so I didn't have to compress the images):

<https://imgur.com/a/KISoIUd>

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coromonadalix

Super Contributor



Posts: 1837

Country: 



 **Re: R&S SML01 Screen Lines**

« Reply #1 on: January 03, 2019, 05:40:53 am »

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Hitachi SP12N002 specs :

http://www.panelook.com/SP12N002_KOE_4.8_LCM_overview_16707.html

256x64 pixels

Datasheet :

<https://datasheet.octopart.com/SP12N002-Hitachi-datasheet-13295826.pdf>

T6963C Equivalent, ~~you will be able to source the same t6963c 256x64 lcd and adapt it, now they have led backplane instead of CCFL~~

Oops the 256x64 is not an standard size it seems ?? 240x64 is very standard

256x64 lcd i've found :

<http://www.mini-box.com/picoLCD-256x64-OEM>

The pico lcd as a daughter board to be removed, the board is for usb pc display infos etc...

This one seems right

<http://1364811.en.makepolo.com/products/256x64-LCD-Display-with-t6963c-p98535292.html>

« Last Edit: January 03, 2019, 05:53:10 am by coromonadalix »

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coromonadalix

Super Contributor



Posts: 1837

Country:



Re: R&S SML01 Screen Lines

« Reply #2 on: January 03, 2019, 05:55:37 am »

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The test could be made with an 240x64 with led backlight, sure you will loose 16 pixels in height, but you would be sure it's the display and nothing else ??

good luck

OOOOOOOOOOH a thread here check this out:

<https://www.eevblog.com/forum/repair/rohde-schwarz-signal-gerator-sml-01-dead-needs-repair/>

But your lcd is working ... the supply lines should be okay ... back to the lcd ...

« Last Edit: January 03, 2019, 06:19:15 am by coromonadalix »

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