




Product:	Molex's FCT Electronics Backshells for D-Sub Connectors	 
Description:	Provide an extended inner chamber suitable for D-Sub connectors with special contacts.	 Download Datasheet

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Author

Topic: **Unusual LCD failure TDS3054** (Read 533 times)

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Jwalling

Supporter



Posts: 1140

Country:

This is work?

Unusual LCD failure TDS3054

« on: February 12, 2018, 02:27:34 am »

I don't think I've ever seen an LCD that fails with a vertical or horizontal line that didn't extend completely from side to side (or top to bottom)

Something new everyday...



TDS3054 001.jpg (189.47 kB, 1024x768 - viewed 180 times.)

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Jay

System error. Strike any user to continue.

nctnico

Super Contributor




Re: Unusual LCD failure TDS3054

« Reply #1 on: February 12, 2018, 02:44:25 am »

This could be a problem in the internal circuitry of the oscilloscope and not the display because it seems to occur in the signal trace overlay area. I'd try a different LCD first!

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Posts: 16812
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Jwalling

Supporter




Posts: 1140
Country: 

This is work?

nctnico

Super Contributor




Posts: 16812
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Jwalling

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Posts: 1140
Country: 

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voltsandjolts

Supporter



Posts: 660
Country: 

Jwalling

Supporter



There are small lies, big lies and then there is what is on the screen of your oscilloscope.

 **Re: Unusual LCD failure TDS3054**

« Reply #2 on: February 12, 2018, 02:55:39 am »

Quote from: nctnico on February 12, 2018, 02:44:25 am

This could be a problem in the internal circuitry of the oscilloscope and not the display because it seems to occur in the signal trace overlay area. I'd try a different LCD first!

Oh, I did! The replacement is fine.

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Jay

System error. Strike any user to continue.

 **Re: Unusual LCD failure TDS3054**

« Reply #3 on: February 12, 2018, 03:00:52 am »

Quote from: Jwalling on February 12, 2018, 02:55:39 am

Quote from: nctnico on February 12, 2018, 02:44:25 am

This could be a problem in the internal circuitry of the oscilloscope and not the display because it seems to occur in the signal trace overlay area. I'd try a different LCD first!

Oh, I did! The replacement is fine.

Well then it certainly is an odd failure! Perhaps one of the traces on the glass itself got interrupted. I have seen localised defects in LCD screen though.

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There are small lies, big lies and then there is what is on the screen of your oscilloscope.

The following users thanked this post: Jwalling


 **Re: Unusual LCD failure TDS3054**

« Reply #4 on: February 12, 2018, 03:16:09 am »

Quote from: nctnico on February 12, 2018, 03:00:52 am

Well then it certainly is an odd failure! Perhaps one of the traces on the glass itself got interrupted. I have seen localised defects in LCD screen though.

That would make perfect sense if the driver chip was on the bottom! Good call. I'd dissect it if I weren't going to use it as a test display...

I wonder how it could happen though; there's a protective anti-glare glass that covers the LCD. 

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Jay

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 **Re: Unusual LCD failure TDS3054**

« Reply #5 on: February 12, 2018, 03:34:32 am »

Where did you get the replacement LCD, from Tek?

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 **Re: Unusual LCD failure TDS3054**


« Reply #6 on: February 12, 2018, 03:37:17 am »

Quote from: voltsandjolts on February 12, 2018, 03:34:32 am

Where did you get the replacement LCD, from Tek?

Posts: 1140
Country: 
This is work?

If I had, my wallet would probably be \$500 lighter, assuming that they're not obsolete. 😊
I bought a couple of spares off eBay a year or two ago.

 Logged


Jay


System error. Strike any user to continue.

voltsandjolts


Supporter



Posts: 660
Country: 

 **Re: Unusual LCD failure TDS3054**
« Reply #7 on: February 12, 2018, 03:39:41 am »

Hah, nice, wise move!

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