





Part #:	<b>REM2 Series</b>	  
Description:	REM2 series is a 2W DC/DC module featuring reinforced 5.2 kV <sub>DC</sub> /1-minute isolation and 2MOPP/250 V <sub>AC</sub>	 <a href="#">Download Datasheet</a>

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Topic: Tek TDS3000 pacmanBuildView (Read 722 times)

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**Jwalling**

Supporter



Posts: 1149

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**Tek TDS3000 pacmanBuildView**

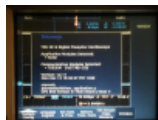
« on: November 02, 2018, 10:09:53 pm »

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This TDS3012 came to me in an unusual state. At first I thought it was some sort of internal engineering build of the firmware, but while playing around in the menus I somehow managed to put the scope back in a "normal" state. I think I was messing around in the developer menu...

Weird... 🤔

I really wish I hadn't put the scope back to default, I wanted to play some more.



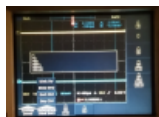
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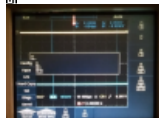
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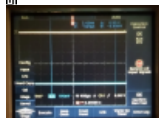
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Jay

System error. Strike any user to continue.

**tautech**

Super Contributor



Posts: 14814

Country:

Taupaki Technologies Ltd. NZ  
Siglent Distributor



**Re: Tek TDS3000 pacmanBuildView**

« Reply #1 on: November 03, 2018, 07:51:33 am »

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Quote

Were you just in some part of the Service menu ?

For a TDS2k from the Service manual:

1. Power on the oscilloscope.
2. Push the front-panel MEASURE button to access the MEASURE menu.
3. Push the top option button to access the Measure 1 menu.
4. Push and hold the front-panel SINGLE SEQ button.
5. Push and hold the front-panel AUTOSSET button.
6. Wait at least two seconds.
7. Release the SINGLE SEQ button.
8. Release the AUTOSSET button. A message appears in the lower left corner of the screen stating "Service mode ON."
9. Push the front-panel UTILITY button. The last item in the Utility menu is now "Service."

At completion of the Adjust procedure disable the "Service" menu through the UTILITY front panel button, the "Service" option button, and the "Service" Mode Off" option button.

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Avid Rabid Hobbyist

**Jwalling**

Supporter



Posts: 1149

Country:

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**Re: Tek TDS3000 pacmanBuildView**

« Reply #2 on: November 04, 2018, 09:27:45 pm »

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**Quote from: tautech on November 03, 2018, 07:51:33 am**

Were you just in some part of the Service menu ?

For a TDS2k from the Service manual:

1. Power on the oscilloscope.
2. Push the front-panel MEASURE button to access the MEASURE menu.
3. Push the top option button to access the Measure 1 menu.

At step 3, the TDS3K top menu button is "snapshot all measurements" I continued on anyway, but no service menu.

If this was a service menu, odd that it would survive a power cycle.

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Jay

System error. Strike any user to continue.

**tautech**

**Re: Tek TDS3000 pacmanBuildView**

Say Thanks

Reply

Quote

Super Contributor



Posts: 14814

Country:

Taupaki Technologies Ltd. NZ

Siglent Distributor



« **Reply #3 on:** November 05, 2018, 05:50:58 am »

**Quote from: Jwalling on November 04, 2018, 09:27:45 pm**

**Quote from: tautech on November 03, 2018, 07:51:33 am**

Were you just in some part of the Service menu ?

For a TDS2k from the Service manual:

1. Power on the oscilloscope.
2. Push the front-panel MEASURE button to access the MEASURE menu.
3. Push the top option button to access the Measure 1 menu.

At step 3, the TDS3K top menu button is "snapshot all measurements" I continued on anyway, but no service menu.

If this was a service menu, odd that it would survive a power cycle.

OK the 3k seems a bit different.

From the TEK wiki site

[http://w140.com/tek\\_tds\\_3000\\_series\\_service.pdf](http://w140.com/tek_tds_3000_series_service.pdf)

Factory Adjustment Procedure

To perform the factory adjustment procedure, do these steps:

1. Locate the hole that provides access to the CAL switch on the rear panel.

CAL

2. Put the adjustment tool into the CAL switch hole. Push and hold the CAL switch in while you power on the oscilloscope. Release the switch when the oscilloscope shows the power-on message with the oscilloscope graticule in the background.
3. Push the SAVE/RECALL button.
4. Push the Recall Factory Setup screen button.
5. Push the OK Confirm Factory Init screen button to restore factory settings prior to doing the factory calibration.
6. Push the MENU OFF button.
7. Push the UTILITY button.
8. Push the System screen button to select Cal.
9. Push the Factory screen button.
10. Push the OK Do Factory Calibration screen button to start the adjustment process
11. Connect signals from the DC voltage source, leveled sine wave, or fast-rise generator as instructed by the oscilloscope display. After you connect the correct signal, push the OK Do Next Step screen button to continue the process.

NOTE. The oscilloscope adjusts itself automatically using the reference signal from the DC voltage source, leveled sine wave, or fast-rise generator. There are no manual oscilloscope adjustments that you need to make.

If you make an error, such as connecting the wrong input signal, you can repeat the last step by pushing the Return to Previous Screen screen button.

12. Continue the adjustment process until it is complete. You can abort the process at any time by pushing the MENU OFF button or by changing to a different menu.

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**Avid** Rabid Hobbyist

**The following users thanked this post:** Jwalling, wolfy007

**Re: Tek TDS3000 pacmanBuildView**  
« **Reply #4 on:** November 06, 2018, 09:28:44 pm »

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Thanks, but I don't want to take a chance of losing the factory calibration.

Report to moderator

Jay

System error. Strike any user to continue.

**Jwalling**

Supporter



Posts: 1149

Country:

This is work?



**tautech**

Super Contributor



**Re: Tek TDS3000 pacmanBuildView**  
« **Reply #5 on:** November 06, 2018, 09:59:43 pm »

Say Thanks Reply Quote



Posts: 14814  
Country:

Taupaki Technologies Ltd. NZ  
Siglent Distributor



**Jwalling**

Supporter



Posts: 1149  
Country:

This is work?



**Quote from: Jwalling on November 06, 2018, 09:28:44 pm**

Thanks, but I don't want to take a chance of losing the factory calibration.

I remember once diving into my TDS2012B service menu and the 'adjustment' is just one part of the service menu.

A smart guy like you wouldn't be changing anything. 😊

Maybe with the Cal switch left OFF you can still enter the menus and just have a look around for the 'hidden' menu you were in.

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**Avid Rabid Hobbyist**

**Re: Tek TDS3000 pacmanBuildView**

« **Reply #6 on:** November 08, 2018, 12:55:47 am »

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**Quote from: tautech on November 06, 2018, 09:59:43 pm**

**Quote from: Jwalling on November 06, 2018, 09:28:44 pm**

Thanks, but I don't want to take a chance of losing the factory calibration.

I remember once diving into my TDS2012B service menu and the 'adjustment' is just one part of the service menu.

A smart guy like you wouldn't be changing anything. 😊

Maybe with the Cal switch left OFF you can still enter the menus and just have a look around for the 'hidden' menu you were in.

OK, you talked me into it. I booted up with the cal button pressed in. I can now enter the factory calibration menu, but I don't see those weird menus anywhere, nor does the scope show that pacmanBuildView on boot-up.

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Jay

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