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Subject: Mac 128k Sad Mac Error Help (newbie)  
Posted by [Dan T.](#) on Tue, 23 Jun 2015 03:50:26 GMT  
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Hey guys! Thanks for this group, I think its really going to help me.

I purchased a Mac 128k from eBay with an Sad Mac error code. At boot, it shows "02FFFF" with a little graphic (a line of bits?) moving across the bottom of the error code. My googling shows that it should be a memory chip that is broken but since it's giving no subcode I have no idea which chip is bad. Is there a way to find which one is messed up or is it hopeless?

I have let it sit for awhile and the bits did not go away.

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Subject: Re: Mac 128k Sad Mac Error Help (newbie)  
Posted by [Notgoing Totellyou](#) on Tue, 23 Jun 2015 04:21:15 GMT  
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sounds to me like it needs 16 chips of fresh new memory, and she will be good as new!  
Charles

Sent from the office of MacCaps.com

22222 ROETHEL DRIVE

SUITE F  
NOVI, MICHIGAN 48375  
UNITED STATES

Thanks.  
Charles Phillips  
248 325 8812

On Jun 22, 2015, at 11:50 PM, Dan T. wrote:

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Subject: Re: Mac 128k Sad Mac Error Help (newbie)  
Posted by [Scott Shingle](#) on Sun, 18 Jun 2017 13:00:07 GMT  
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If there are multiple sticks of memory in the machine, try removing all but one. Boot it up and see if you get an error. Then shut it down, stick the next chip in, rinse and repeat until you get the error. Hopefully, you'll have enough play on the connecting wires that you don't have to keep pulling the logic board in and out each time. Not sure of the layout of the Mac 128k, but if it's like the SE, the stupid logic board power connector is 90 degrees from the 'hat' (or whatever it's called) on the CRT. Word of advice, be careful when initially unclipping the power cable from the logic board. I managed to crack my CRT because when the cable did come free on my SE, my hand jerked up, hit the 'hat' and cracked the end of the CRT. Then it was off to Ebay to find another CRT (was about as much as the whole computer was when I bought it). Since then, I've been A LOT more careful when removing that cable.

It could also be that one of the chips is simply a bit loose and just needs to be reseated. Again, just pop them out (watch some vids on exactly how it's done - usually just some spring loaded release bars) and put them back in. Be careful though as over the years, the plastic on the release bars has probably become quite brittle so too much pressure may break off the plastic. The memory will still click into place, but it'll be hard to get it out each time with nothing to easily grab onto.

Hope this helps.

On Monday, June 22, 2015 at 11:57:24 PM UTC-4, Dan T. wrote:

>

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> I purchased a Mac 128k from eBay with an Sad Mac error code. At boot, it  
> shows "02FFFF" with a little graphic (a line of bits?) moving across the  
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Subject: Re: Mac 128k Sad Mac Error Help (newbie)  
Posted by [Clark Martin](#) on Sun, 18 Jun 2017 15:25:42 GMT  
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Memory on the Mac 128K and 512Ks are soldered to the motherboard.

It's possible there is one or more cold solder joints associated with the memory (on a memory chip or in the memory control logic). More likely one of the chips has failed. You could try replacing all the memory, if you can still find the memory chips.

Clark Martin

A designated driver on the information Super Highway

> On Jun 18, 2017, at 6:00 AM, Scott Shingle <[raydeen@gmail.com](mailto:raydeen@gmail.com)> wrote:

>

> If there are multiple sticks of memory in the machine, try removing all but one. Boot it up and see if you get an error. Then shut it down, stick the next chip in, rinse and repeat until you get the error. Hopefully, you'll have enough play on the connecting wires that you don't have to keep pulling the logic board in and out each time. Not sure of the layout of the Mac 128k, but if it's like the SE, the stupid logic board power connector is 90 degrees from the 'hat' (or whatever it's called) on the CRT. Word of advice, be careful when initially unclipping the power cable from the

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