
Subject: [WANTED] Cheap ROM 1 Chip
Posted by [nutcase84](#) on Fri, 26 Jun 2015 13:12:29 GMT
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I have a ROM 0 IIGS, and nothing runs on it since it's ROM 0. I'm looking for a cheap (about \$10 USD) ROM 1 chip, or a way to make one. I contacted a online Apple II store and they said it would cost \$40. A bit too high for me. Thanks!

Subject: Re: [WANTED] Cheap ROM 1 Chip
Posted by [Dagen](#) on Fri, 24 Jul 2015 18:17:15 GMT
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Great question. I asked around and some people thought the 271001 would work. Here's some info on that chip, <http://www.digchip.com/datasheets/parts/datasheet/000/271001.php>

Here are some various sources around \$5 a piece for most.
<https://octopart.com/m27c1001-15f1-stmicroelectronics-55830769>

Let us know if you get one and are able to use it.

Subject: Re: [WANTED] Cheap ROM 1 Chip
Posted by [nutcase84](#) on Fri, 24 Jul 2015 20:29:29 GMT
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How would I program it?

Subject: Re: [WANTED] Cheap ROM 1 Chip
Posted by [Dagen](#) on Fri, 24 Jul 2015 21:50:20 GMT
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Ah sorry, I was thinking about it from a different angle... my own desire to burn new ROM firmware.

You are looking for pre-programmed ROMs, right? I think it's so high in cost because those would have to come from recycled systems. There's not a lot floating around like that.

Also, if you were to use the programming method above, you could use pretty much any cheapo ROM burner (\$50 or less). But if you don't already have one, that means you'd end up paying a lot more than just purchasing that ROM for \$40.

Also, since the IIGS uses mask ROMs (comes pre-programmed by the manufacturer), they don't have the programming pins. This means you'd need to make an adapter to put the (E)EPROM in your IIGS socket, so it's a bit more complicated than just dropping in a replacement ROM. For completeness' sake, here's the adapter layout for that chip.

<http://www.appleii-box.de/APPLEIIGS/iigsreplacementrom0.htm>

I'm posting a copy of that image here so it doesn't get lost if that site goes down, but all credit to that site for the image.

Subject: Re: [WANTED] Cheap ROM 1 Chip
Posted by [damauk](#) on Wed, 20 Apr 2016 01:59:42 GMT
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I know this thread is old but there are now two options, both cost around \$30:

https://www.ultimateapple2.com/catalogzen154/index.php?main_page=product_info&cPath=1_17&products_id=99

http://a2heaven.com/webshop/index.php?rt=product/product&product_id=137
