
Subject: Re: Gryphon 68030

Posted by [yoda](#) on Mon, 13 Jun 2016 16:39:49 GMT

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lynchaj wrote on Mon, 13 June 2016 11:17Hi

I don't mind what video chip foot print we use. However if I need to construct a custom footprint I need detailed technical data.

I think the adapter we have to use is this one for LQFP 14mmX14mm and 0.4mm pitch to PGA-128

http://www.proto-advantage.com/store/product_info.php?products_id=2600014

If it is a straight up PGA-128 it should be an easy swap since that footprint is a JEDEC (? standard part.

However it does not look like a standard PGA-128 to me. I think the MC68030 uses a PGA-128 also but doesn't look like that footprint.

I'll make the swap tonight.

Thanks

Andrew Lynch

Hi Andrew!

My bad. I did not look carefully this morning when I got up - it is the 14mm x 14mm version 0.4mm pitch - I picked the wrong one when I looked it up. PGA is a misnomer here - it is what they call anything that has pins on all sides here vs DIP when it only has pins on 2 sides. It is 4 dual rows of header pins on 0.1in centers i.e. think of 16 x 2 headers arranged in a square such that the square is 2 inches on a side. I think the image makes it pretty clear - I just need to check at home whether pin 1 is on inside row or outside row.

File Attachments

1) [PA0190_2.jpg](#), downloaded 2452 times
