

ATi Radeon HD3850

Written by Zaatharen

Monday, 02 July 2012 23:19 - Last Updated Saturday, 17 May 2014 01:35



Core: RV670 Pro 668MHz 256bit

Memory: 512MB GDDR3 1656MHz 256bit **Year:** 2007 **Bus:** PCI-E 16x 2.0 **Made:** 55nm **Transistors:**

666 milion

Pixel pipelines: 16 **TMU per pipeline:** 12 **Special:** CrossFire **Unified Shaders:** 320 (v 4.1)
DirectX:

10.1

Memory bandwidth:□

53 GB/s

Pixel write speed:

10688 MPixel/s

Texel write speed:

10688

MTexel/s

Note: This card is highly overclocked + it has modified BIOS, clocks□ are 810MHz at GPU and 1908MHz at memory. It makes 61,1GB/s memory bandwidth, and 13000 MPixel/s and 13000 MTexel/s

{webgallery}

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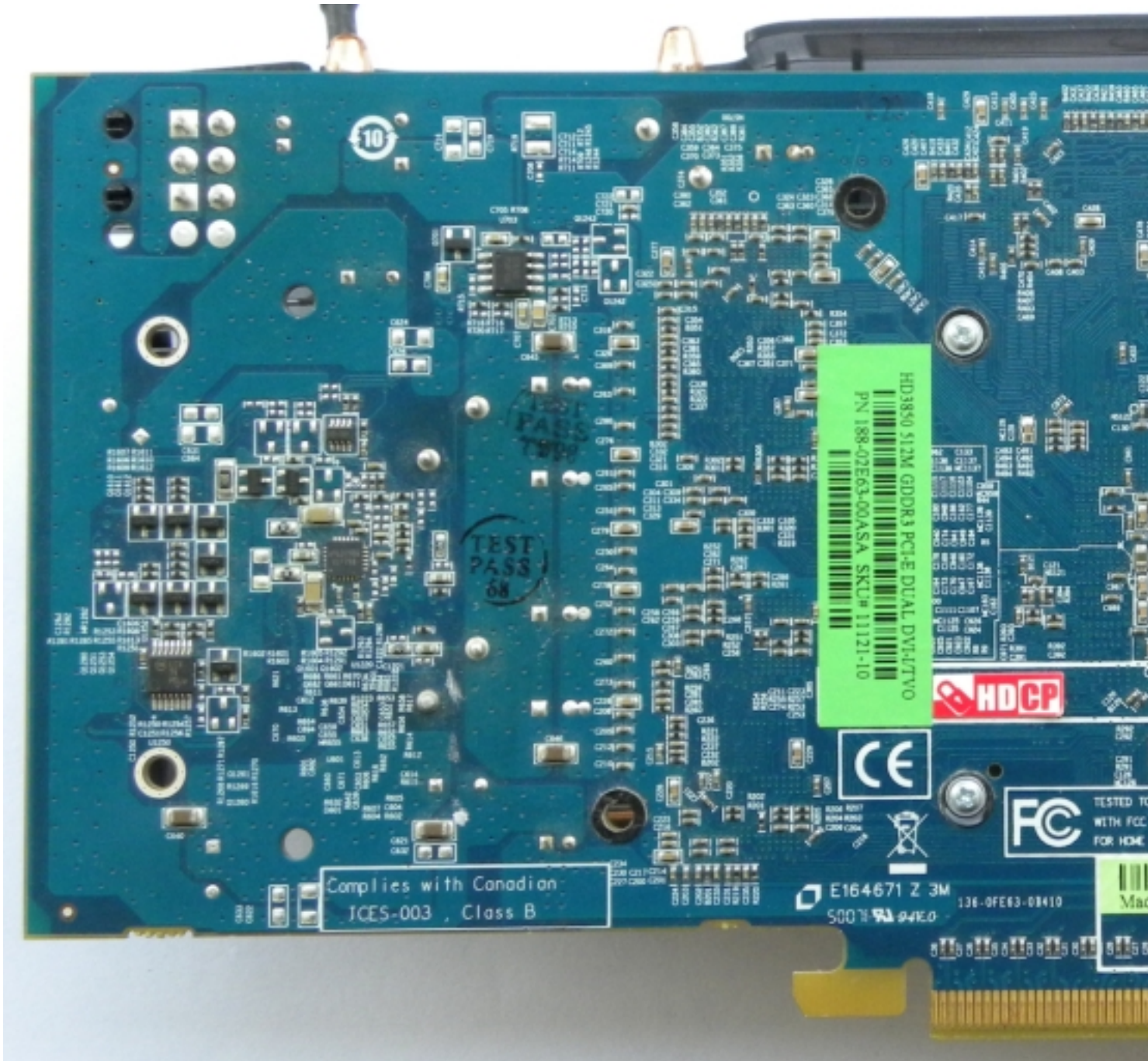
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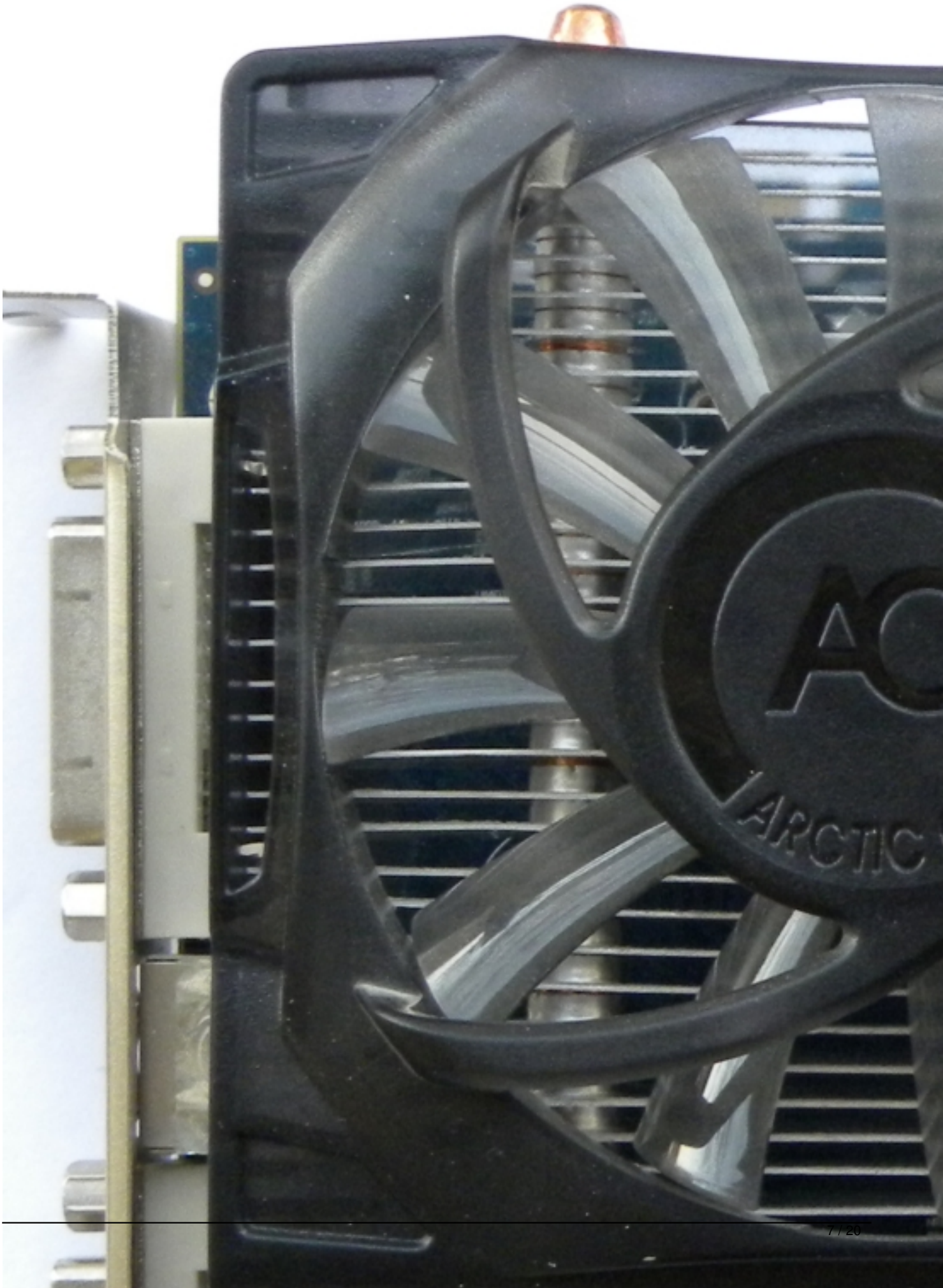
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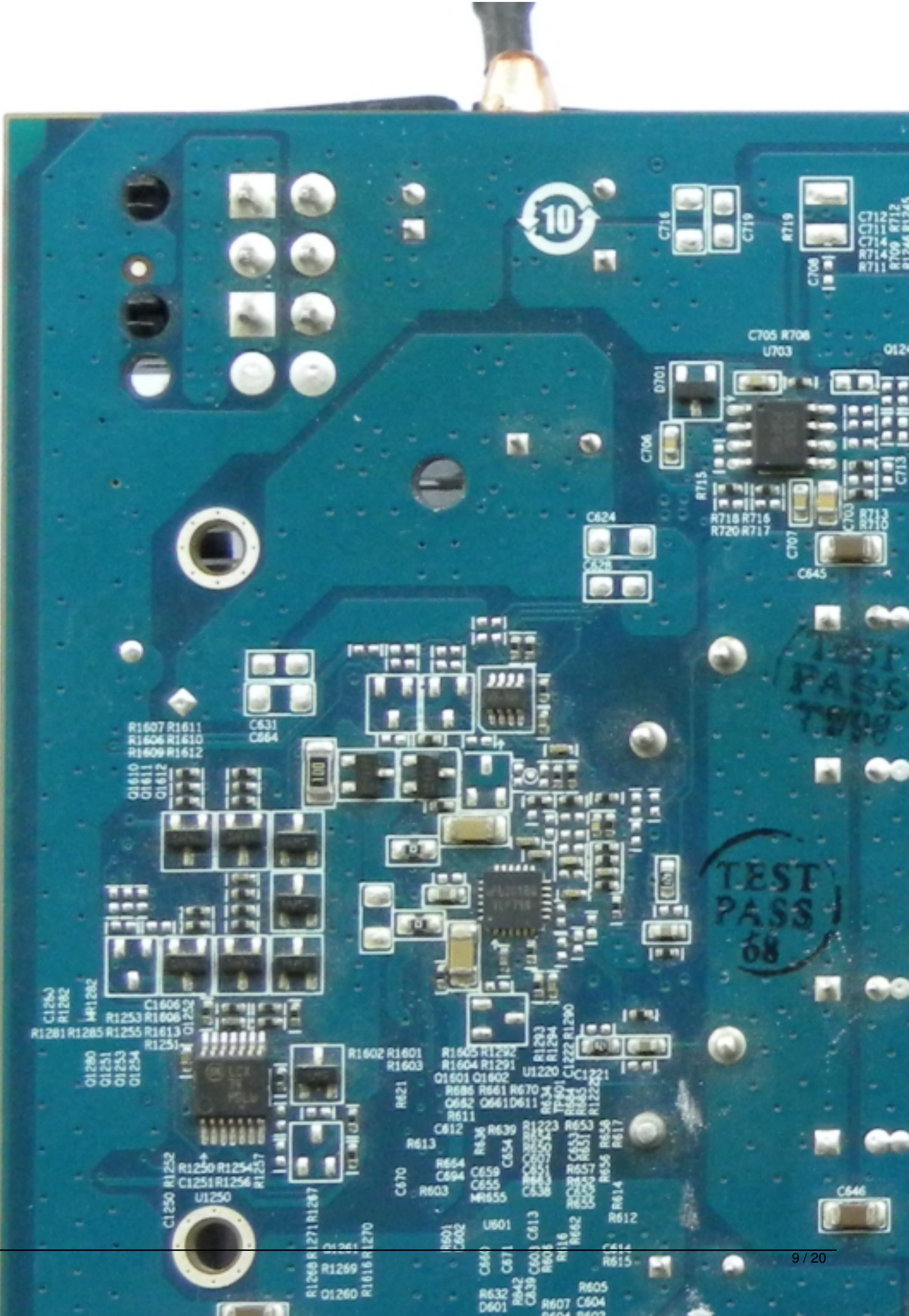
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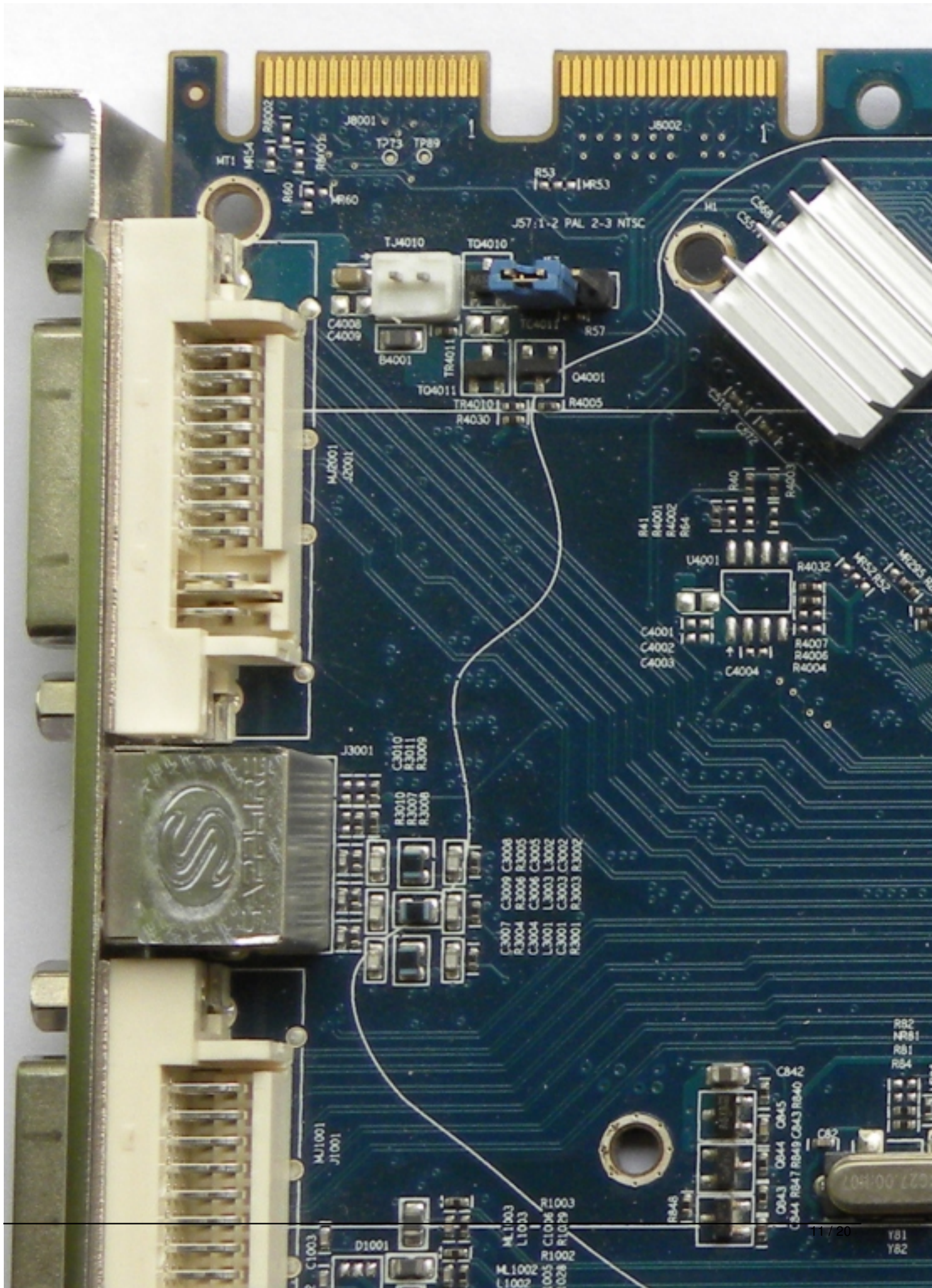
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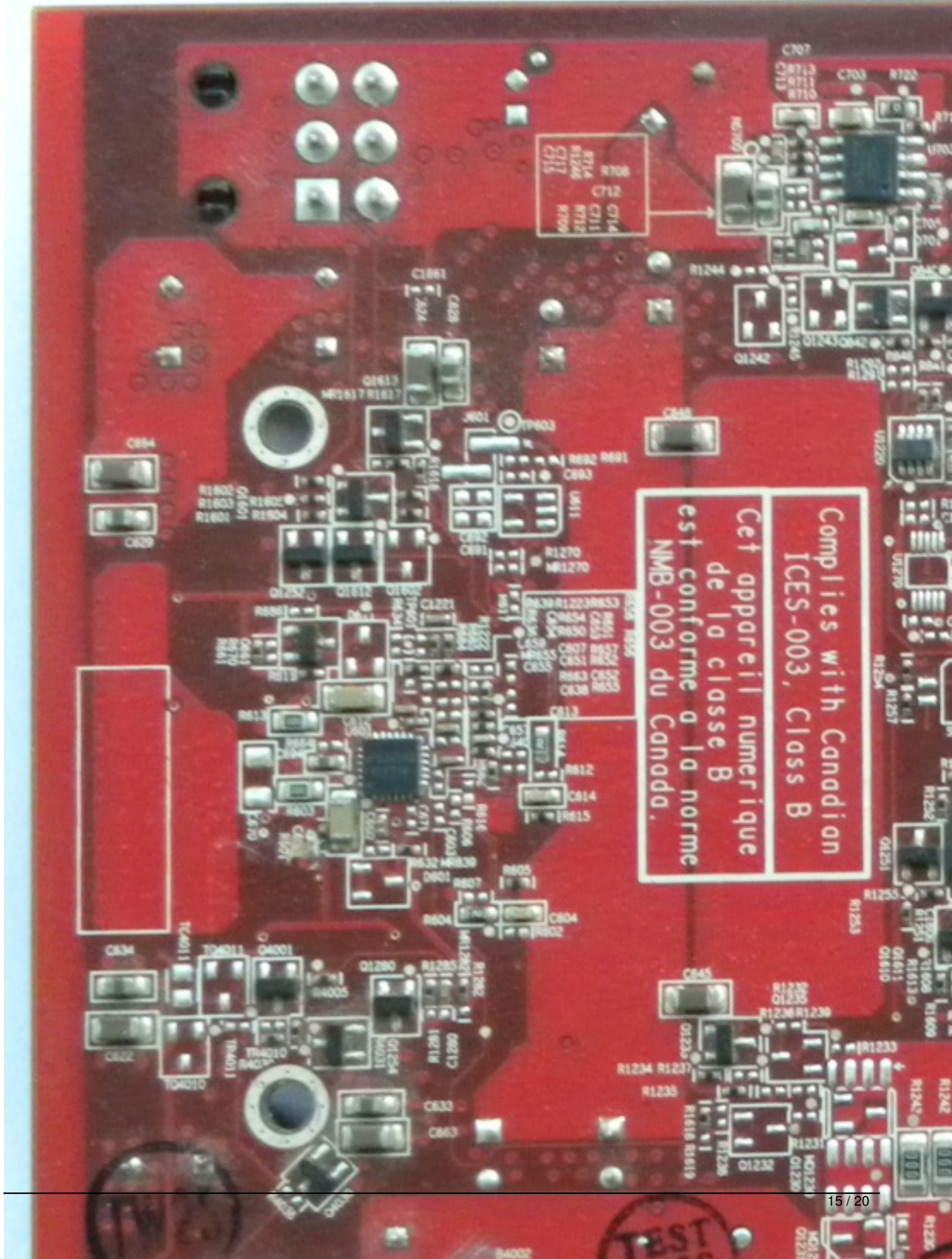
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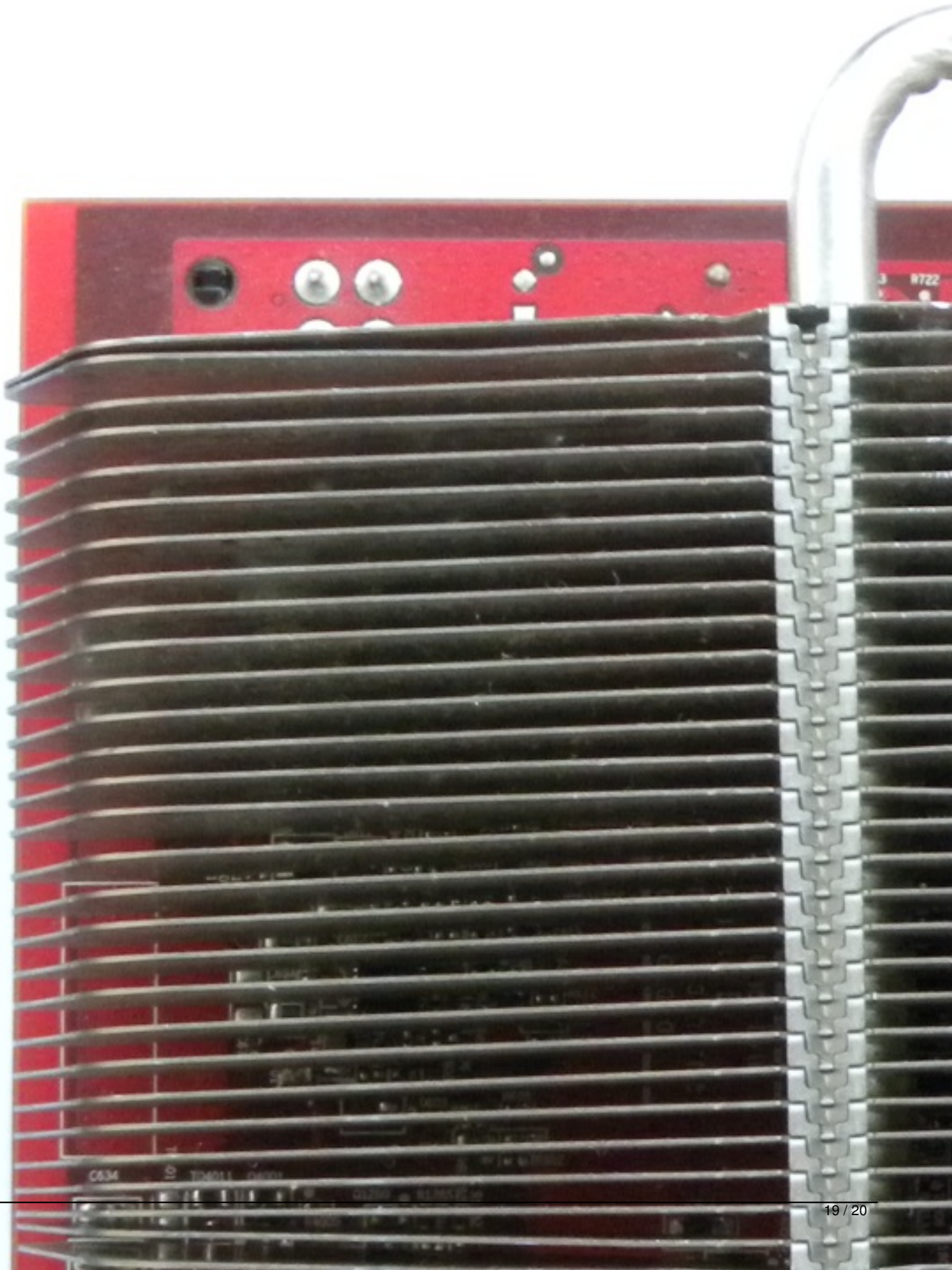
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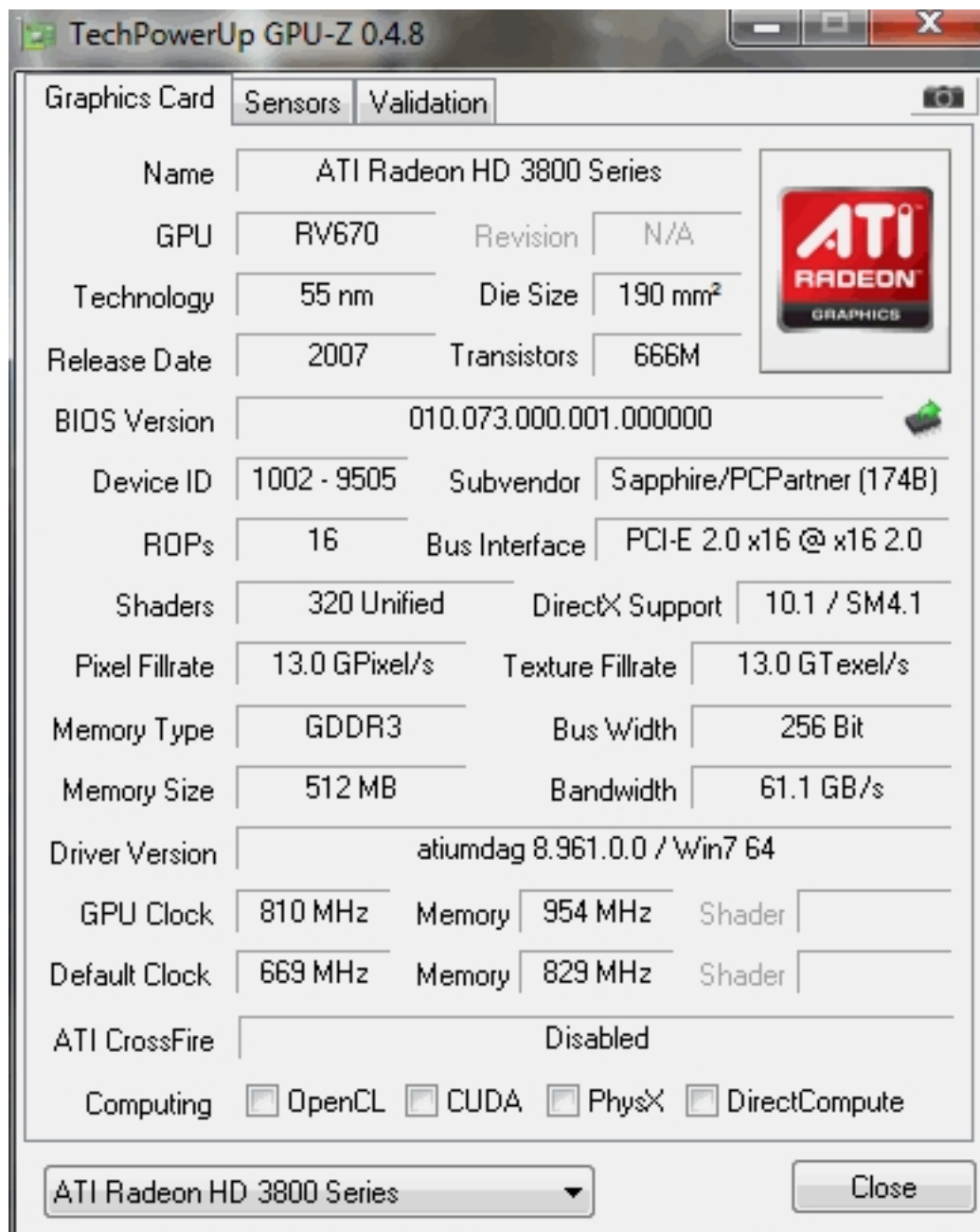
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The screenshot displays the TechPowerUp GPU-Z 0.4.8 application window. The 'Graphics Card' tab is active, showing the following specifications:

Category	Value
Name	ATI Radeon HD 3800 Series
GPU	RV670
Revision	N/A
Technology	55 nm
Die Size	190 mm ²
Release Date	2007
Transistors	666M
BIOS Version	010.073.000.001.000000
Device ID	1002 - 9505
Subvendor	Sapphire/PCPartner (174B)
ROPs	16
Bus Interface	PCI-E 2.0 x16 @ x16 2.0
Shaders	320 Unified
DirectX Support	10.1 / SM4.1
Pixel Fillrate	13.0 GPixel/s
Texture Fillrate	13.0 GTexel/s
Memory Type	GDDR3
Bus Width	256 Bit
Memory Size	512 MB
Bandwidth	61.1 GB/s
Driver Version	atiumdag 8.961.0.0 / Win7 64
GPU Clock	810 MHz
Memory Clock	954 MHz
Shader Clock	
Default GPU Clock	669 MHz
Default Memory Clock	829 MHz
Default Shader Clock	
ATI CrossFire	Disabled
Computing	<input type="checkbox"/> OpenCL <input type="checkbox"/> CUDA <input type="checkbox"/> PhysX <input type="checkbox"/> DirectCompute

At the bottom of the window, there is a dropdown menu showing 'ATI Radeon HD 3800 Series' and a 'Close' button.

{/webgallery}