



# CLCC Package Description

## MT9M002 - Serial Data Sheet Addendum

For more information, refer to the data sheet on Aptina's Web site: [www.apgina.com](http://www.apgina.com).

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### Introduction

This document supplements Aptina's MT9M002 data sheet (Revision G 3/10) with the electrical and mechanical package information for the CLCC version. The standard CMOS digital image sensor data sheet should be referenced for a complete description of this 1/4.5-inch 1.6Mp CMOS digital image sensor. The specifications contained in this addendum supersede the specifications listed in the referenced CMOS digital image sensor data sheet.

### Addendum Changes

This addendum provides package and pinout information for the CLCC version of the MT9M002 digital image sensor.

**Figure 1: 48-Pin CLCC Package Outline Drawing**

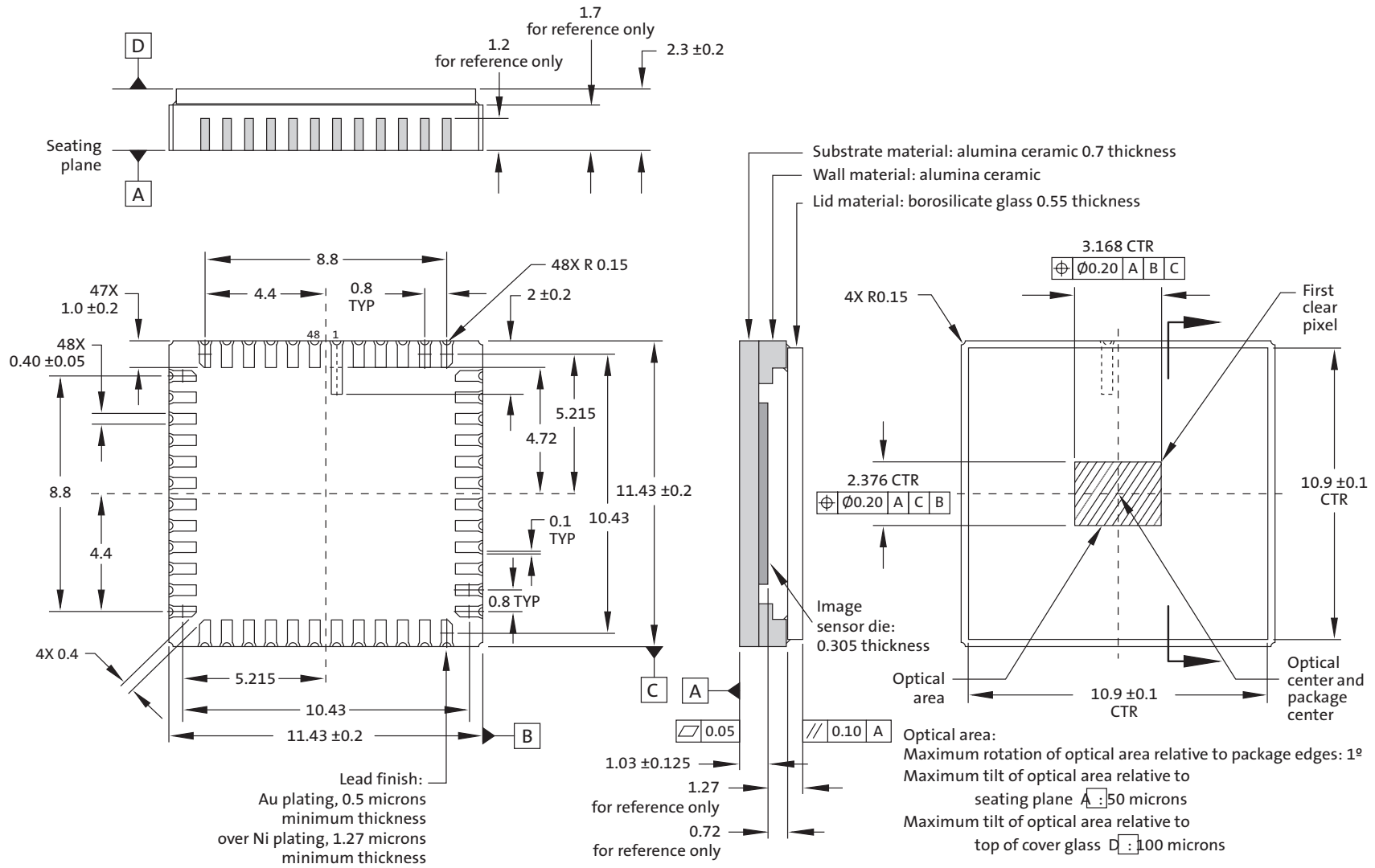
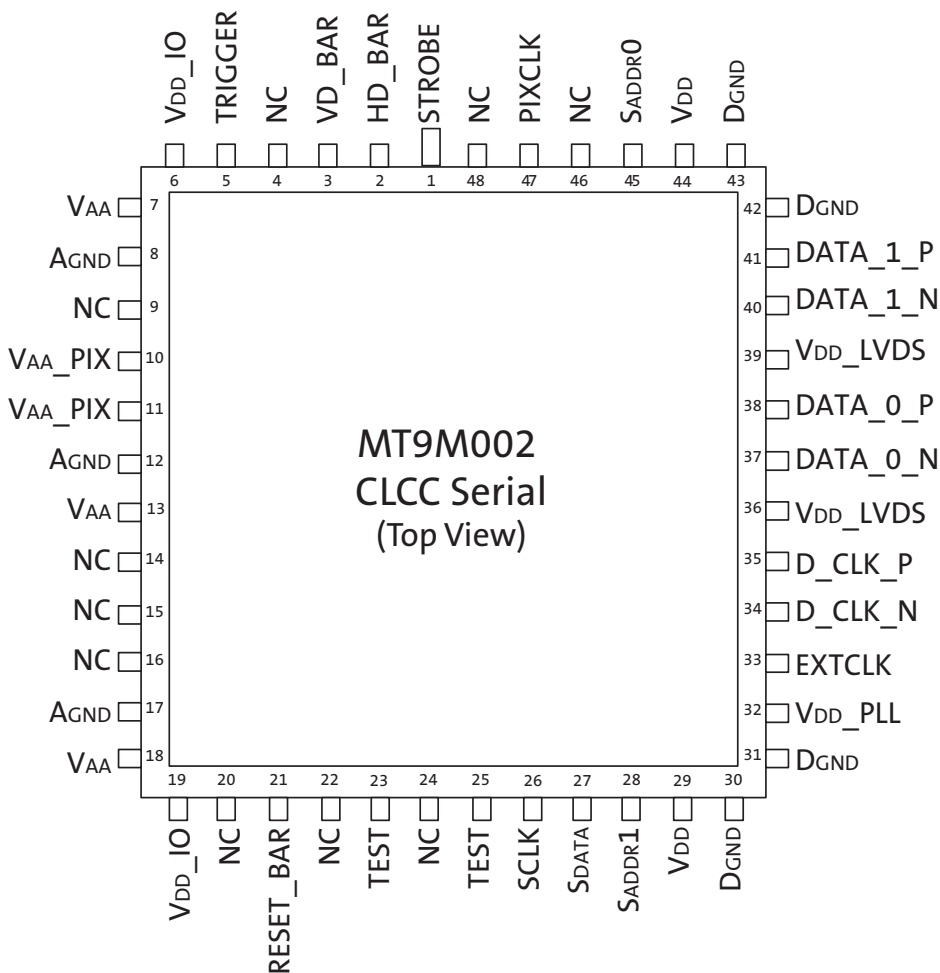


Figure 2: 48-Pin CLCC Pinout Diagram - Serial





## Revision History

<b>Rev. D</b> .....		<b>5/11</b>
	<ul style="list-style-type: none"> <li>• Updated trademarks</li> <li>• Applied updated template</li> <li>• Changed parallel to serial in the footer</li> </ul>	
<b>Rev. C</b> .....		<b>5/10</b>
	<ul style="list-style-type: none"> <li>• Updated to non-confidential</li> </ul>	
<b>Rev. B</b> .....		<b>5/10</b>
	<ul style="list-style-type: none"> <li>• Updated to Aptina template</li> </ul>	
<b>Rev. A</b> .....		<b>8/07</b>
	<ul style="list-style-type: none"> <li>• Initial release</li> </ul>	

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 Advance: This data sheet contains initial descriptions of products still under development.