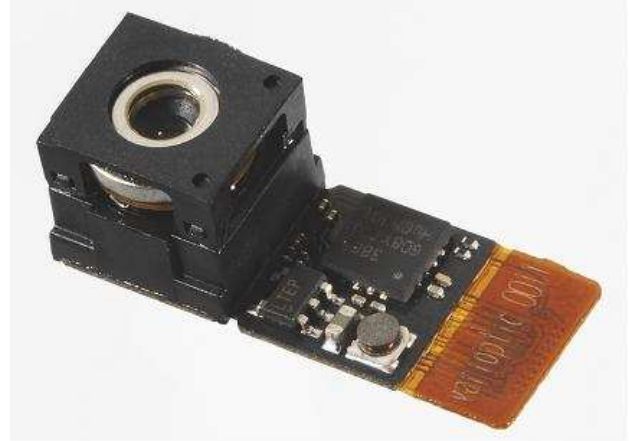


AFCM MI 285 2MP AF CAMERA MODULE

To respond to the growing market demand for small, reliable and inexpensive autofocus solutions, the AFCM MI 285 camera module is the first 2 Megapixel, 1/4" product that integrates Varioptic's leading edge auto focus solution.

Based on Micron MT9D012 image sensor, it provides best-in-class image quality within a small form factor. Taking full advantage of the ARCTIC 416 features, sharply focused images can be captured instantaneously, delivering DSC-like user experience on mobile phones.



This easy to integrate, high performance auto focus camera module provides a fast track to market for OEM and ODM looking for an upgrade of their existing fixed focus line up.

The SMIA-compliant ARCTIC 416 liquid lens enables camera module and camera phone manufacturers to leverage the advent of higher resolution sensors, and provide enhanced mobile imaging user experience, thanks to DSC-like quality pictures.

Features

- ❖ 2MP, 1/4" Optical Format
- ❖ Autofocus, from 5cm to infinity
- ❖ Integrated Image Signal Processing (SoC solution)
- ❖ Improved image quality – DSC equivalent
- ❖ Ultra low power consumption
- ❖ Very compact: 8.5x8.5x7.6

Applications

- ❖ Camera phones
 - Image Capture
 - Bar Code Reading – for business applications and point of sale
 - Optical Character Recognition – for business card reading
 - Fingerprint Reading - for PIN code replacement
- ❖ Laptops
 - Integrated webcams

