

AE-CCM-IMX335-C-105

5MP RGB MIPI Compact Camera Module

Overview:

The Appleeye 5MP MIPI RGB Compact Camera Module is based on the Sony IMX335 CMOS image sensor featuring 2592 x 1944 (5MP) pixels with a rolling shutter readout. The AE-CCM-IMX335-C-105 offers HDR functionality, low power consumption, high sensitivity, and a low dark current and can output up to 60 frames per second at full resolution.

The AE-CCM-IMX335-C-105 is equipped with a 105-degree HFOV lens that delivers outstanding image quality, making it suitable for a wide variety of applications.

The AE-CCM-IMX335-C-105 is fully consistent with the interface definitions of ST's STM32MP257F MPU and STM32MP257F-EV1 Evaluation Board, ensuring straightforward integration into embedded systems.

Main features:



Image Sensor: 1/2.8" IMX335LQN-C RGB



Shutter Type: Electronic rolling shutter



Resolution: 5.04 Megapixel



Interface: MIPI



FOV: D120° H105° V87°



Focus type: Fixed Focus



Dimensions: 23.30x14.60x21.27mm



Customization options:

- Lens (FOV, F#, Distortion etc.)
- Flex PCB length
- Connector/ Pin Assignment



Target application:

- Surveillance
- Factory Automation
- Industrial
- Agriculture
- Smart home