

## MN34031PLJ Data Sheet

### ■ Overview

This product is MOS type image sensor of Type-1/3" 1.3 mega pixels.

R,G,B primary color mosaic filters are used as the color filters.

1.3M pixels 60fps movie of high image quality 12 bit digital output is realized.

### ■ Feature

Parameter	Content
Scan mode	Progressive scan
Optical size	1/3 type
Number of active pixels	1,280 (H) × 1,024 (V) = 1,310,720 (pixel)
Total number of pixels	1,376 (H) × 1,052 (V) = 1,447,552 (pixel)
Pixel size	3.75 (H) μm × 3.75(V) μm
Package	LGA Package (Ceramics)
Actual imaging area dimensions (active pixel area)	4.800 (H) mm × 3.840 (V) mm
Color filter arrangement	R,G,B primary color mosaic filters
Power supply voltage	3.3V / 1.8V / 1.2V
Master clock (MCLK)	Typ. 27 MHz
Output signal type	sub LVDS DDR method 486 Mbps Parallel output 54MHz (12bit)
Register I/F	3-wire Serial I/F (SI, SCK, SCS)
Driving mode	Full scan 60p (2ch2port/12bit) Full scan 30p (Parallel output /12bit) 4 pixel mixture

### ■ Application

Network cameras

Security cameras / Industry cameras / Others

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