

## ► Overview

OIS & AF Integrated Actuator is an integrated hybrid device containing an Optical Image Stabilizer and an Auto Focus Actuator to create a compact camera module.

## ► Features

- Stable performance implemented in a high-resolution or heavy-weight module
- Low power consumption by using a ball-bearing mechanism
- High performance by using a close loop control system for low latency and high accuracy



## ► OIS &amp; AF Integrated Actuator

Item (ACT P/N)			OIS				
			stroke (um)	linearity (um)	decenter	max current (mA)	OIS Driver
JHO-11746-D0			300~400	±23	±70	max 60	"AK7321 (Hall Sensor embedded type)"
size	image sensor	lens weight (g)	AFA				
			stroke (um)	hysteresis (um)	code current (mA)	settling time (ms)	control type
11.7 x 11.5 x t5.0	1/2.55"	0.18	400~480	±6	max 50	max 12	closed loop (I2C interface)
IRIS			IRIS				
			Step				
2Step (Large and Small)							

Item (ACT P/N)			OIS				
			stroke (um)	linearity (um)	hall decenter (um)	max current (mA)	hall sensor
JHS-M12338-A1			min 300	±12	±45	max 70	HG-0A14
size	image sensor	lens weight (g)	AFA				
			stroke (um)	hysteresis (um)	max current (mA)	settling time (ms)	control type
12.3 x 12.3 x t3.85	1/2.25"	0.26	min 380	±7	max 70	max 15	closed loop (I2C interface)

Item (ACT P/N)			OIS				
			stroke (um)	linearity (um)	hall decenter (um)	max current (mA)	hall sensor
JHS-M10235-A0			min 380	±19	±45	max 70	HG-0A14
size	image sensor	lens weight (g)	AFA				
			stroke (um)	hysteresis (um)	max current (mA)	settling time (ms)	control type
10.2 x 10.2 x t3.55	1/4"	0.12	min 200	±8	max 70	max 25	closed loop (I2C interface)