

Lens Motor Driver for Camera Solution

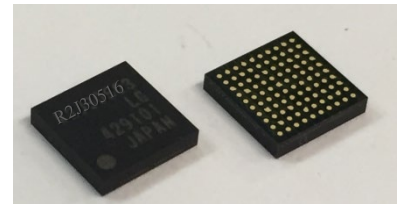
Lens Motor Driver with OIS/ R2J30516LG#U4

Feature

- P/N: R2J30516LG#U4
- Built-in H8S-16bit CPU core
 - Focusing on OIS-servo control
- Built-in own DSP core
 - Possible high-speed operation & Flexibility
 - Easy to implement Digital Filter depending situation
- Multi-channel Lens driver circuits
 - For IS (Image Stabilizer)
 - Available to support high-speed PWM output for VCM driving circuit
 - For Lens × 6ch as usual case
 - × 7ch at exclusive control mode
 - Available to support high-speed PWM output and
 - Silent design by fine 512-steps Micro control
- 12bit-ADC: High resolution and Fast conversion
- Outline: Package "100pin LGA" & 5.5mm²-size
- Others
 - Supporting Digital I/F for connecting Gyro sensor
 - Compliant for 1.8V regulator
 - Necessary to use Debugging tool E10A

Package Outline

100pin LGA 5.5 × 5.5mm
t = 1.05mm
Pin pitch = 0.5mm

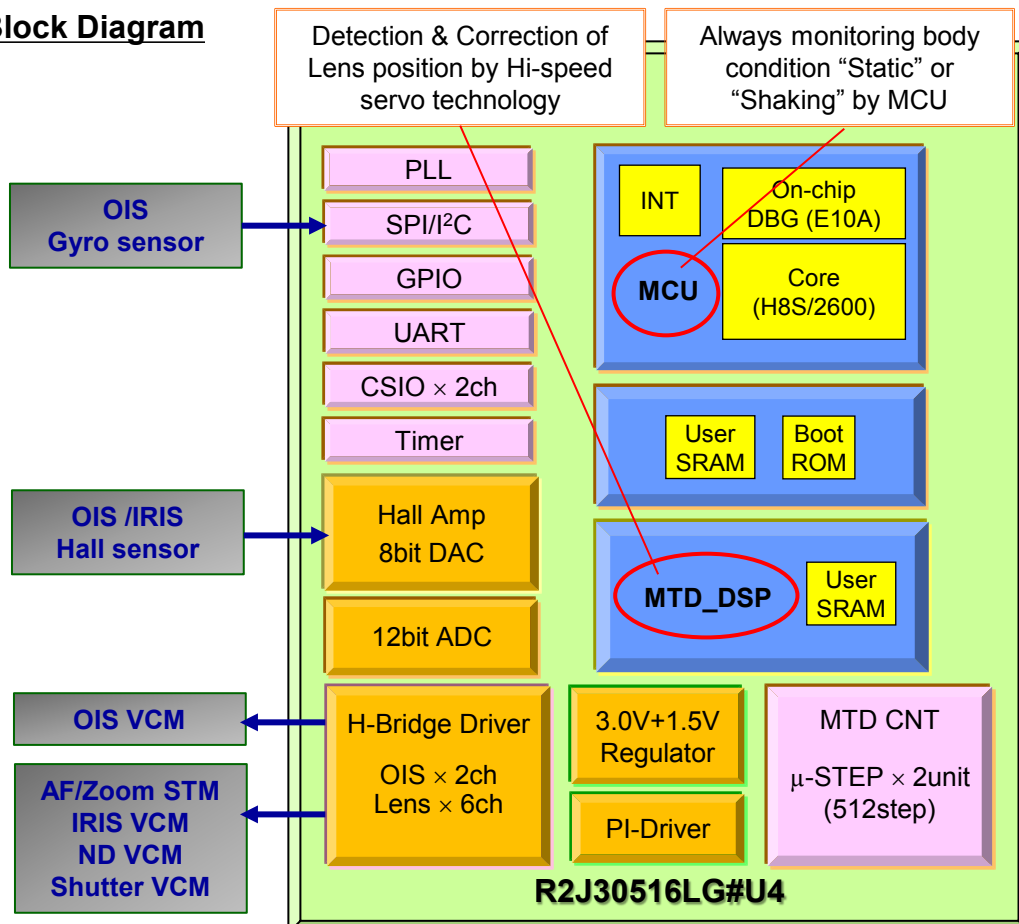


http://resource.renesas.com/lib/package/pdf/outdrawing/ptlg0100ka_a.pdf

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System Block Diagram



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Renesas Electronics America Inc.

2801 Scott Boulevard Santa Clara, CA 95050-2549, U.S.A.
Tel: +1-408-588-6000, Fax: +1-408-588-6130

Renesas Electronics Canada Limited

1101 Nicholson Road, Newmarket, Ontario L3Y 9C3, Canada
Tel: +1-905-898-5441, Fax: +1-905-898-3220

Renesas Electronics Europe Limited

Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5FH, U.K
Tel: +44-1628-585-100, Fax: +44-1628-585-900

Renesas Electronics Europe GmbH

Arcadiastrasse 10, 40472 Düsseldorf, Germany
Tel: +49-211-6503-0, Fax: +49-211-6503-1327

Renesas Electronics (China) Co., Ltd.

Room 1709, Quantum Plaza, No.27 ZhiChunLu Haidian District, Beijing 100191, P.R.China
Tel: +86-10-8235-1155, Fax: +86-10-8235-7679

Renesas Electronics (Shanghai) Co., Ltd.

Unit 301, Tower A, Central Towers, 555 Langao Road, Putuo District, Shanghai, P. R. China 200333
Tel: +86-21-2226-0888, Fax: +86-21-2226-0999

Renesas Electronics Hong Kong Limited

Unit 1601-1613, 16/F., Tower 2, Grand Century Place, 193 Prince Edward Road West, Mongkok, Kowloon, Hong Kong
Tel: +852-2265-6688, Fax: +852 2886-9022/9044

Renesas Electronics Taiwan Co., Ltd.

13F, No. 363, Fu Shing North Road, Taipei 10543, Taiwan
Tel: +886-2-8175-9600, Fax: +886 2-8175-9670

Renesas Electronics Singapore Pte. Ltd.

80 Bendemeer Road, Unit #06-02 Hyflux Innovation Centre, Singapore 339949
Tel: +65-6213-0200, Fax: +65-6213-0300

Renesas Electronics Malaysia Sdn.Bhd.

Unit 906, Block B, Menara Amcorp, Amcorp Trade Centre, No. 18, Jln Persiaran Barat, 46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia
Tel: +60-3-7955-9390, Fax: +60-3-7955-9510

Renesas Electronics Korea Co., Ltd.

12F., 234 Teheran-ro, Gangnam-Ku, Seoul, 135-920, Korea
Tel: +82-2-558-3737, Fax: +82-2-558-5141