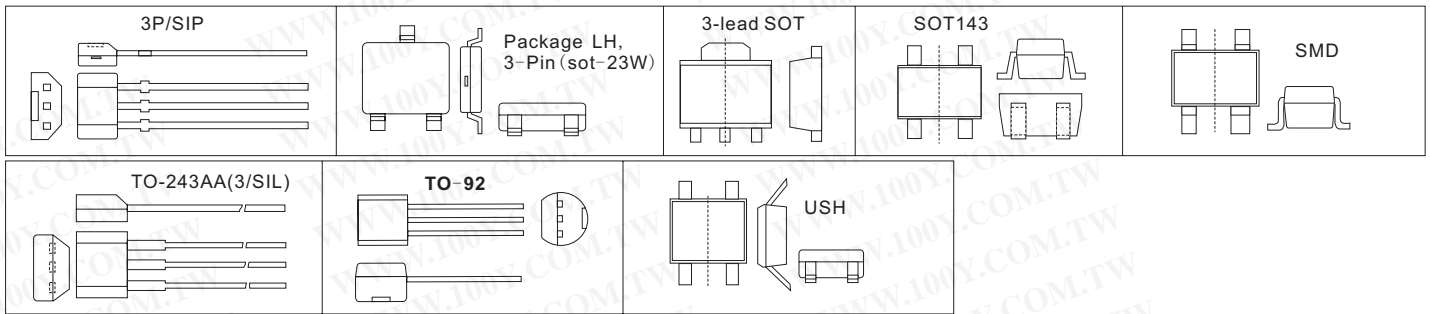


# Sensors & Transducers

## Hall Effect Devices Latching Hall Effect Switch IC

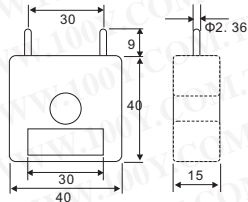
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



| Part No. | Product No. | Manufacturer | Description   | Temp.          | Package         |
|----------|-------------|--------------|---|----------------|-----------------|
| 45267    | A1104EUA-T  | Allegro      | Sensitive hall-effect switches for high-temperature operation                 | -40°C~85°C     | 3P/SIP          |
| 45268    | A1104LUA-T  | Allegro      | Sensitive hall-effect switches for high-temperature operation                 | -40°C~150°C    | 3P/SIP          |
| 37944    | A1301EUA    | Allegro      | Continuous-Time Ratiometric Linear Hall Effect Sensors                        | -40°C to +85°C | SIP             |
| 37943    | A3141EUA    | Allegro      | Sensitive Hall Effect Switches for High-Temperature Operation                 | -40°C to +85°C | SIP             |
| 8451     | A3143EUA    | Allegro      | Hall Effect Switch. Bop 350 Gauss max. Brp 330 Gauss max.                     | -40°C to 85°C  | 3-pin SIP       |
| 8825     | A3144LLT    | Allegro      | Latching Hall Effect Switch IC  | -40°C to 150°C | 3-lead SOT      |
| 37945    | A3507SUA    | Allegro      | RATIOMETRIC, LINEAR HALL-EFFECT SENSORS                                       | -20°C to +85°C | SIP             |
| 37895    | DN6849      | Panasonic    | Hall IC   | -40 to +100°C  | SIP             |
| 37897    | DN6849SE    | Panasonic    | Hall IC   | -40 to +100°C  | SIP             |
| 37901    | DN6849TE    | Panasonic    | Hall IC   | -40 to +100°C  | SIP             |
| 28318    | DN6851D     | Panasonic    | Panasonic_Hall IC   |                | 3-SIP           |
| 28316    | HW101A      | AsahiKASEI   | AsahiKASEI_HALL ELEMENT   |                | SOT143          |
| 37859    | HW108A      | AsahiKASEI   | High-sensitivity InSb Hall element  | -40 to +110 °C | SOT143          |
| 37863    | HW300B      | AsahiKASEI   | InSb Hall element   | -40 to +110 °C | SIP             |
| 37882    | HW302B      | AsahiKASEI   | InSb Hall element   | -40 to +110 °C | SIP             |
| 37881    | HW305B      | AsahiKASEI   | InSb Hall element   | -40 to +110 °C | SIP             |
| 37923    | THS119      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | SIP             |
| 37924    | THS121      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | SMD             |
| 37930    | THS122      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | USH             |
| 37922    | THS123      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | SIP             |
| 37929    | THS124      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | SMD             |
| 37932    | THS125      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | USH             |
| 37919    | THS126      | TOSHIBA      | High stability motor control. digital tachometer. crank shaft position sensor | -55 to +125°C  | SIP             |
| 37916    | THS130      | TOSHIBA      | High stability motor control. digital tachometer                              | -55 to +125°C  | SIP             |
| 15678    | UGN3120UA   | Allegro      | Sensitive hall-effect switch for high-temperature operat                      | -20°C to 85°C  | TO-243AA(3/SIL) |
| 15677    | UGN3140UA   | Allegro      | Sensitive hall-effect switch for high-temperature operat                      | -20°C to 85°C  | TO-243AA(3/SIL) |
| 37937    | US3881      | Melexis      | CMOS Low Voltage Hall Effect Latch  | -40°C to 125°C | TO-92           |
| 37938    | US5881      | Melexis      | COMS Multi-Purpose Switch   | -40°C to 150°C | TO-92           |
| 37941    | US79        | Melexis      | CMOS Power Hall IC  | -40°C to 125°C | TO-92           |

## Current Transducers

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### CTL-12-S30-10Z

- Type: CTL-12-S30-10Z
- Working temperature: -20°C~+75°C
- Reserve temperature: -30°C~+90°C
- Weight: 50g

### A: CTL-12-S36-10 B: CTL-12-S36-8 C: CTL-12-S36-4

- Outer dimensions (mm) :40Wx40Hx15t
- Hole dia: Φ12
- Winding number (Turn) :A: 1000 B: 800 C: 400
- Max. continuous current: A: 240A B: 220A C200A
- Max. Output voltage (non-saturated) :A: 13V B: 8V C5V
- Current range: A: 0. 1A~280A B: 0. 1A~180A C: 0. 1A~120A

### CTL-12-S56-10

- Rating current: 0. 1-300Arms (50/60Hz)
- Working temperature: -20oC~+75oC
- Reserve temperature: -30oC~+90oC
- Weight: 65g

### CTL-12-S56-4

- Insulated resistance: 500Vdc. >100MΩ
- Working temperature: -20°C~75°C
- Reserve temperature: -30°C~85°C

| Part No. | Product No.    | Manufacturer | Description         | Type           |
|----------|----------------|--------------|---------------------|----------------|
| 39731    | CTL-12-S30-10Z | U_RD         | Current Transducers | CTL-12-S30-10Z |
| 39152    | CTL-12-S36-10  | U_RD         | Current Transducers | CTL            |
| 18242    | CTL-12-S36-4   | U_RD         | Current Transducers | CTL            |
| 39151    | CTL-12-S36-8   | U_RD         | Current Transducers | CTL            |
| 17448    | CTL-12-S56-10  | U_RD         | Current Transducers | CTL Type       |
| 18241    | CTL-12-S56-4   | U_RD         | Current Transducers | CTL            |

