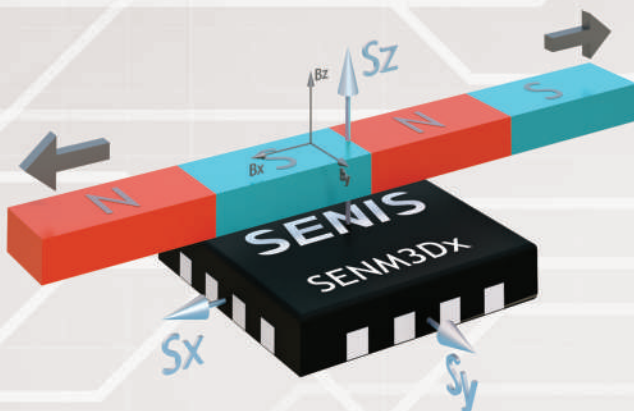
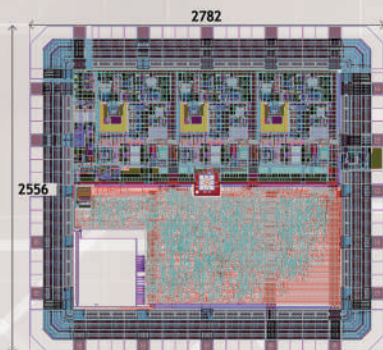


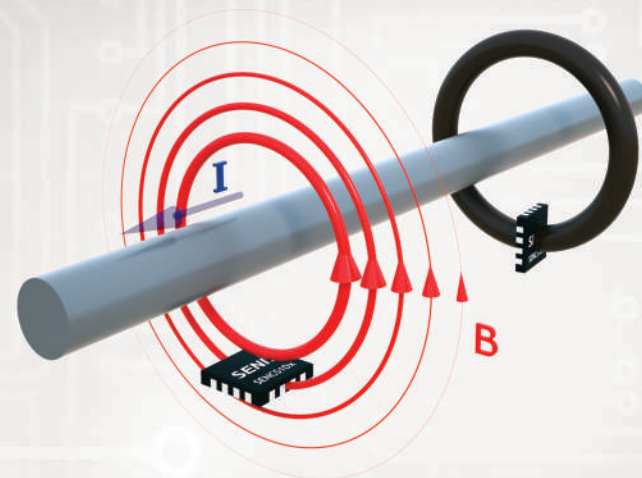
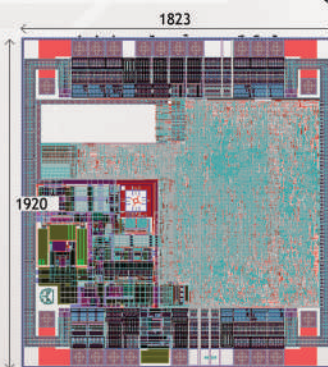
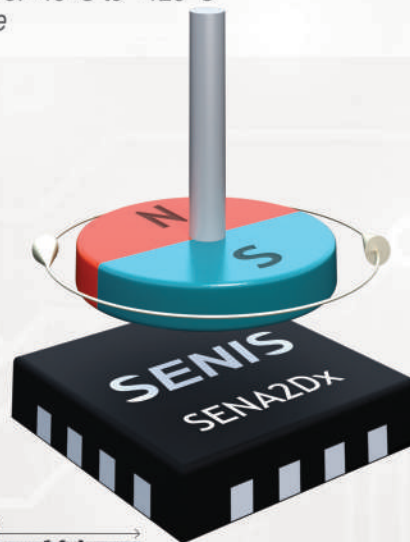


3DHALL - 3-AXIS POSITION HALL SENSOR SENM3Dx

- Any-Axis / All Axis (B_x , B_y , B_z) linear position sensor
- DC Magnetic field resolution: $1\mu T$
- Low noise: $100nT/\sqrt{Hz}$
- 3-Axis spatial resolution: $100 \times 100 \mu m^2$
- Seven selectable measurement ranges: from 40mT to 4T
- High frequency bandwidth: DC to 300kHz
- 16 bit AD converter
- Threshold switch
- On-chip parametrizable
- On-chip correction of sensitivity, offset, noise, temperature drift
- Outputs: Analog, PWM and SPI
- High temperature: $-45^\circ C$ to $+125^\circ C$
- QFN16 package

FAMAS - FAST MAGNETIC ANGLE SENSOR SENA2Dx

- Angle measurements up to 200'000 rpm rotational speed
- Instantaneous angle position, digital information
- Rotational position, angle and speed measurement
- High angular resolution: $<0.08^\circ$
- Fast response: Latency $<1\mu s$
- Spatial resolution: $100 \times 100 \mu m^2$
- Magnetic field range: 15mT - 200mT
- On-chip parametrizable: clock frequency, angular resolution, output filter
- On-chip correction of sensitivity, offset, noise, temperature drift
- Outputs: SPI, A quad B and UVW
- High temperature: $-45^\circ C$ to $+125^\circ C$
- QFN16 package



ANYCS - CURRENT SENSOR SENS1Dx

- Sensitivity perpendicular to the chip surface
- Four selectable ranges: 4mT, 20mT, 100mT, 500mT
- Frequency bandwidth: DC - 400kHz
- Low noise: $<0.3\% V_{dd}$
- On-chip parametrizable
- On-chip correction of sensitivity, offset, noise and temperature drift
- Analog output
- High temperature: $-45^\circ C$ to $+150^\circ C$
- SIP-4L package

