Distributor

Nordel 5a I 49176 Hilter
Contact: Guido Gandolfo I Product Line Manager Motion Control
+49 5424 2340-57
ggandolfo@mev-elektronik.com
www.mev-elektronik.com

Headquarter

Quanzhou: B501, Huachuang Park, Tiyu Street, Huada Street, Fengze District, Quanzhou City, Fujian Province, China

Research & Development Centers

Suzhou: 601, N1, 2.5 Industrial Park, 88 Dongchang Road, Suzhou Industrial Park

Shanghai: 201, B3, No. 608 Shengxia Road, Pudong New Area, Shanghai

Operation Center

Shenzhen: 3108~3111, Block A, Zhongguan Times Square, 4168 Liuxian Avenue, Nanshan District, Shenzhen

Global Service Center

Zug: Sinserstrasse 2, 6330 Cham, Switzerland

扫码关注公众号

sales.global@conntek.com

+41 78 888 51 86

http://www.conntek.com.cn

CONNTEK

presented by

ELEKTRONIK SERVICE GMBH

Smart Sensing Creates Better Life !

CONTENTS

Company Profile

Product Descriptions

CONNTEK

Founded in 2016, Conntek Microelectronics Technology Co., Ltd. is a global leader in the field of high-tech integrated circuits (ICs), specializing in the design and manufacture of **advanced magnetic sensor ICs**. We are dedicated to enhancing technological capabilities and efficiencies across various industries, guided by our vision: "Smart Sensing Creates a Better Life!"

Innovative Magnetic Sensor IC Solutions:

- 3D Linear Hall-effect sensor ICs
- High-Speed High-Precision Magnetic Angle Sensor ICs
- High sensitivity 3D Hall Switch/Latch ICs
- Fluxgate Magnetic Sensor Signal Conditioning ICs for Leakage current measurement
- Nanopower TMR Magnetic Switch/Latch ICs
- AMR Magnetic Switch ICs for Air Cylinder
- Linear Hall-effect Sensor IC
- Zero-Drift Zero-Offset Operational Amplifier ICs
- Temperature sensor IC

  and more...

These pioneering products are essential for a wide range of applications, from intelligent IoT devices and photovoltaic energy systems to industrial automation and automotive technologies. Conntek's magnetic sensor ICs are renowned for their high performance, reliability, and the ability to operate under low power conditions.

Leading-Edge Development and Manufacturing:
Conntek is equipped with the most comprehensive magnetic sensor technology capabilities worldwide. Our state-of-the-art design and manufacturing processes are spearheaded by a skilled team of professionals who graduated from some of the world's top universities such as Tsinghua University, Peking University, Delft University of Technology and EPFL and have worked at leading semiconductor companies such as NXP, Marvell, IBM and Qualcomm.

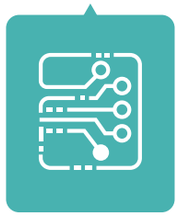
With nearly **100 authorized patents** and numerous industry firsts, such as the debut of **the first 3D Hall Sensor IC**, Conntek is at the **forefront of magnetic sensor technology**. Our products, developed with proprietary intellectual property, are in mass production and have achieved significant sales success, demonstrating our commitment to innovation and quality.

Conntek Microelectronics Technology Co., Ltd.is driven to push the boundaries of what is possible with magnetic sensor IC technology, constantly innovating to provide solutions that advance global technological standards and improve life through intelligent sensing.

Join us on our mission to lead the development of the smart sensing technologies that power the future.

CORE COMPETENCE

We know electronics circuit, structure and magnetic circuit designs.

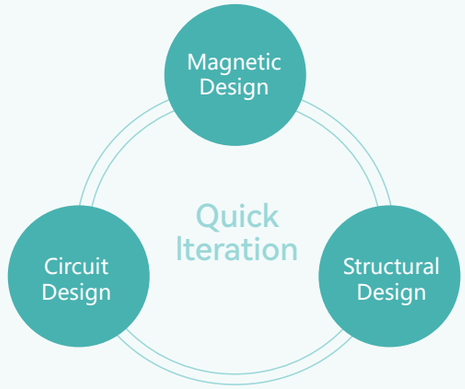


Circuit Design

Magnetic Design

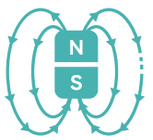
Structural Design

SOLUTION

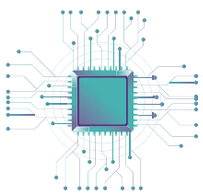


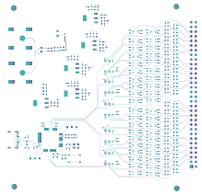
Magnetic sensor and ASIC customization

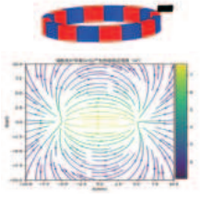
PCB/Sensor module structure design and control software development



Magnetic circuit design/ Magnet selection/EM simulation/ EM shielding design

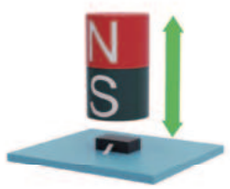


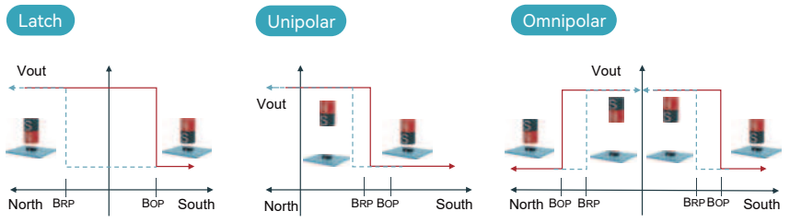




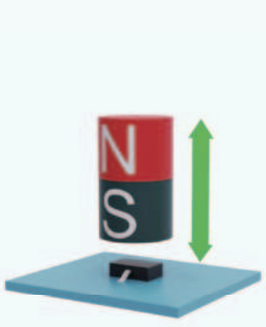
Fundamentals of Magnetic Sensors ICs

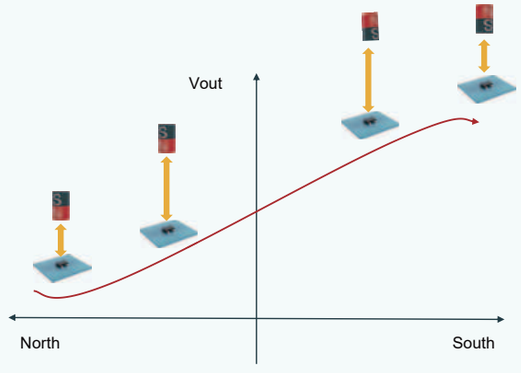
01 Magnetic Switch Sensor IC



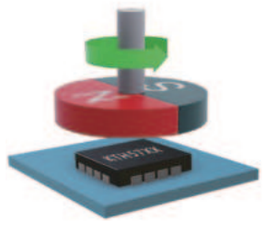


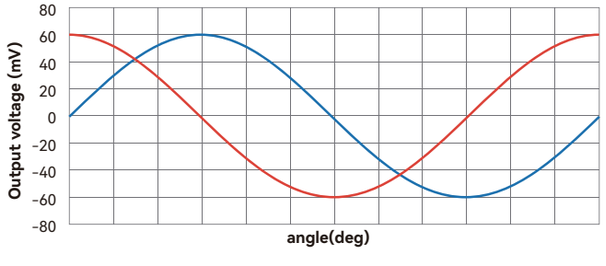
02 Magnetic Linear Sensor IC





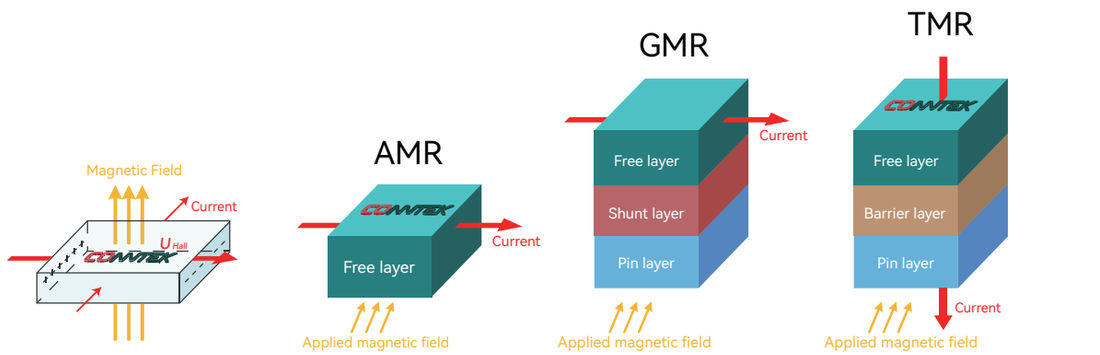
03 Magnetic Angle Encoder IC





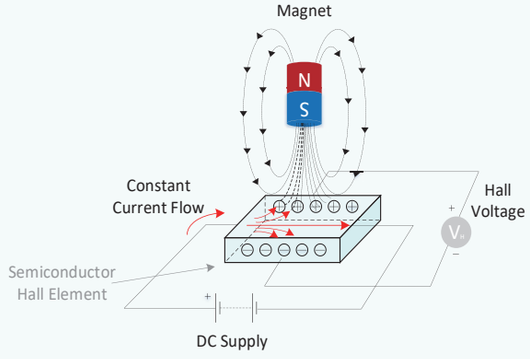
Conntek Core Competence

Different Magnetic Sensor Principles

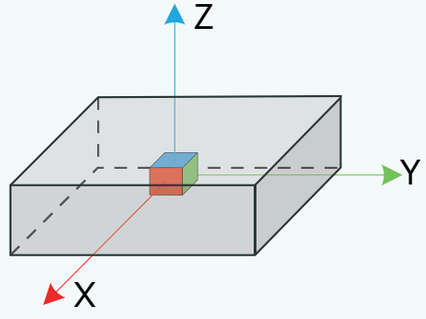


Sensitivity is increasing

Conntek Core Competence – 3D Hall Magnetic Sensing



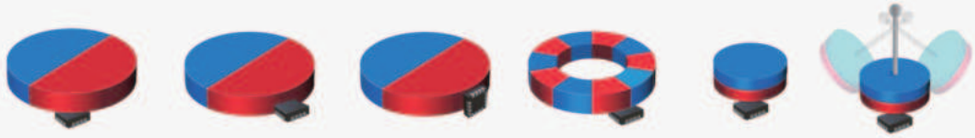
Conventional planar Hall
senses only single-axis magnetic fields



Conntek core technology
3D Hall magnetic sensing

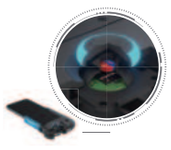
Product Descriptions

01 3D Linear Hall-effect Sensor ICs

Series	Magnet placement	Detection range	Operating voltage	Precision	Standby current consumption	Average current consumption	Measurement mode
KTH57XX	On-axis/off-axis	360°	2.8~5.5V	16 Bit	1.4uA	25.2uA@5Hz/ 113.7uA@25Hz	Continuous Sensing Mode/ Wake-up & Sleep Mode/ Single Conversion Mode
	Output mode	Magnetic induction		Magnetic field detection range	Operating frequency	Operating temperature	Package
	I2C/SPI digital output	X,Y,Z axis		XY axis ±130mT Z axis ±80mT	1000Hz	-40~+125℃	QFN3*3/2*2.5
Sensing direction							

3D Hall Sensor Applications

- Drone Pan-Tilt
- Handheld Pan-Tilt
- Wheelchair rockers
- Flight simulators
- Drone rockers
- PSP rockers
- Joysticks
- Gamepads
- Mouses

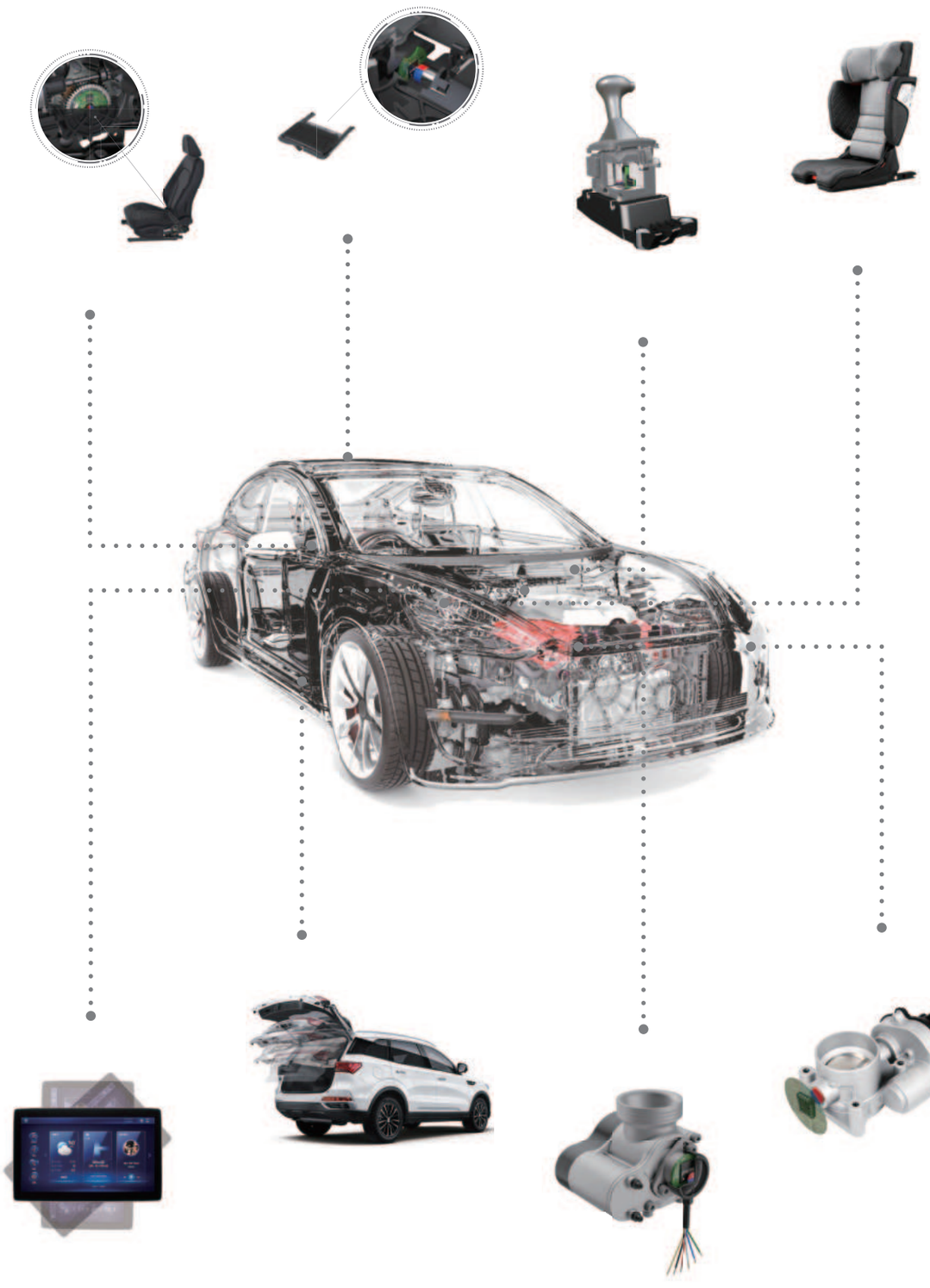







Smart Traffic

- Seat controls
- Sunroof
- Electronic shifter
- Electronic cockpit
- Car tablet
- Power tailgate
- Electronic throttle
- EGR valve



IOT Equipment

3D Linear Hall-effect sensor ICs

- Robot joints
- Robot vacuum cleaners
- Companion robots
- Turnstiles
- Professional cameras
- High speed pan tilt
- Smart toys

Intelligent Wearables

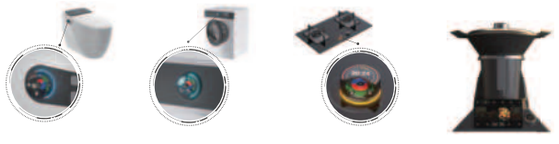
3D Linear Hall-effect sensor ICs

- Volume control knobs
- Smart watches

Smart Home Appliances

3D Linear Hall-effect sensor ICs

- Coffee machines
- Intelligent closestools
- Gas stoves
- Washing machines
- Smart cooking machines



Consumer Electronics

3D Linear Hall-effect sensor ICs

- Joysticks
- Notebooks
- Mouses
- Flip cameras
- Keyboards
- Foldable phones

02 High-speed High-precision Magnetic Angle Sensor ICs

Series	Magnet placement	Detection range	Operating voltage	Noise	INL	Operating current	Rotational speed
KTH78XX	On-axis/off-axis	360°	3.3V / 5V	0.004MS-0.24°	±0.35°	11.6mA	120,000 rpm
	Output mode	Temperature drift		Magnetic field detection range	Start-Up time	Operating temperature	Package
	ABZ/UVW/PWM/ SPI/SSI output	0.002°/ ℃		30~150mT	1ms	-40~+125 ℃	QFN3*3-16L SOP-8

Sensing direction

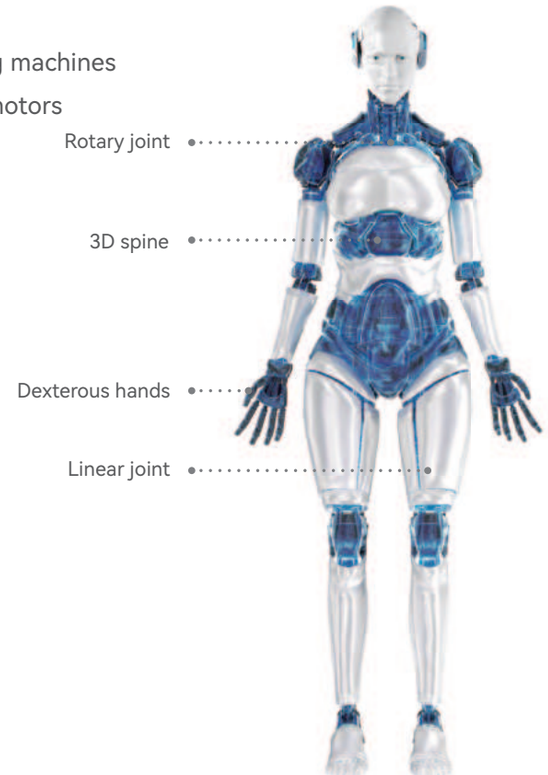
Series	Magnet placement	Detection range	Operating voltage	Noise	INL	Operating current	Rotational speed
KTH58XX	On-axis/off-axis	360°	3~5.5V	0.01	±0.02°	40mA	180,000 rpm
	Output mode	Feature		Magnetic field detection range	Start-Up time	Operating temperature	Package
	ABZ/UVW/PWM/SPI	Supports multiple pairs of poles (1-4096), supports one click self calibration		10~150mT	23ms	-40~+125 ℃	HFBP5*5-32L

Sensing direction

Automation and Robotics

High-Speed High-Precision Magnetic Angle Sensor ICs

- Hollow encoders
- Electrombile(BLDC)
- Servo motors
- Stepper motors
- Industrial sewing machines
- Coreless micro motors
- Robot joints
- Stage lightings






03 Fluxgate Magnetic Sensor Signal Conditioning ICs for Leakage Current Measurement

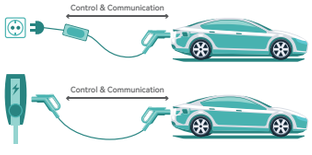
Series	Vref	Min resolution	Operating voltage	Average current consumption	Band-width	Feature	Operating temperature	Operating temperature	Package
KTD1100 -QNX	2.495V~2.505V	0.1mA	4.75~5.25V	12mA	780Hz	High sensitivity 1mV/mA	Analog Signal	-40~105°C	QFNWB3*3 24L

Applications

Fluxgate Magnetic Sensor Signal Conditioning ICs for Leakage Current Measurement

- EV charging stations
- Photovoltaic inverters
- ELCBs

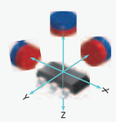
Standards clearance:
GB/T 22794
GB/T 50178
IEC 62955
IEC 62752




04 High Sensitivity 3D Hall Switch/Latch ICs

Series	Product name	Type	Operating voltage	Average current consumption	Operating frequency	BOP(Gs)	BRP(Gs)	Output interface	Operating temperature	Package
KTH46XX	KTH4603AA-STx	Omnipolar	2.5~5.5V	5.5uA@3.3V	2.5Hz	25/-25	12.5/-12.5	Open-drain output	-40~125℃	SOT-23-3L SOT-23-6L
	KTH4603AB-STx	Omnipolar	2.5~5.5V	8.0uA@3.3V	5.0Hz	25/-25	12.5/-12.5	Open-drain output	-40~125℃	SOT-23-3L SOT-23-6L

Sensing direction



Applications for Utility and Automotive

High sensitivity 3D Hall Switch/Latch ICs

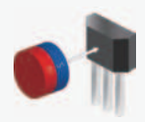
- Electricity meter anti-tampering
- Car sunroofs
- Water meters



05 Automotive Hall-effect Switch/Latch Sensor ICs

Series	Product name	Type	Operating voltage	Average current consumption	Operating frequency	BOP(Gs)	BRP(Gs)	Output interface	Operating temperature	Package
KTH2502 (AUTOMOTIVE)	KTH2502QA	Latch	2.7~32V	2.7mA	30KHz	15	-15	Open-drain output	-40~150℃	SOT-23-3L TO-92S
	KTH2502QB					30	-30			
	KTH2502QC					60	-60			
KTH2582 (INDUSTRIAL)	KTH2582NA	Latch	2.7~32V	2.7mA	30KHz	15	-15	Open-drain output	-40~125℃	SOT-23-3L TO-92S
	KTH2582NB					30	-30			
	KTH2582NC					60	-60			

Hall sensing direction

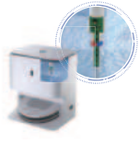



Applications in Smart Traffic and Home Appliances

Automotive Hall Effect Switch /Latch Sensor ICs

- Safety belts
- Water heaters
- Car seats
- Toilet liquid level
- Mowers





06 Linear Hall-effect Sensor ICs

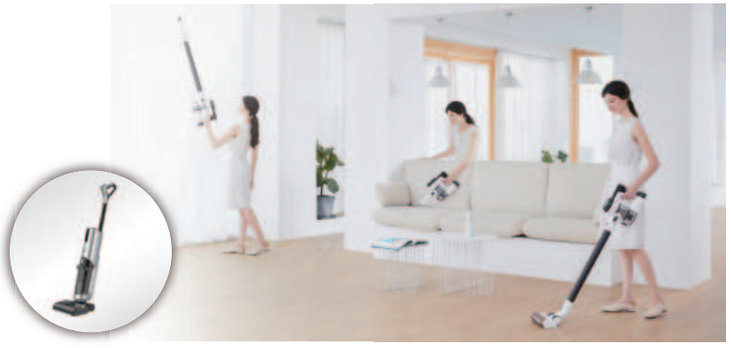
Series	Product name	Type	Operating voltage	Average current consumption	Sensitivity	Magnetic field range	Output interface	Operating temperature	Package
KTH5641	KTH5641A1	Linear	2.8~6.0V	3.3mA@5V	A1:1.5mV	A1: ±1600GS	Linear analog output	-40~125℃	SOT-23-3L TO-92S
	KTH5641A2				A2 : 2.0mV	A2 : ±1200GS			
	KTH5641A3				A3 : 2.5mV	A3 : ±960GS			
	KTH5641A4				A4 : 3.0mV	A4 : ±800GS			
KTH564A1	KTH564A1	Linear	2.8~6.0V	3.3mA@5V	1.5mV/Gs 2.0mV/Gs 2.5mV/Gs 3.0mV/Gs	1.5mV/Gs 2.0mV/Gs 2.5mV/Gs 3.0mV/Gs	Linear analog output	-40~125℃	DFN1616-6L
KTH5642	KTH5642A1	Linear	2.8~6.0V	3.3mA@5V	A1: 5.0mV	A1: ±480GS	Linear analog output	-40~125℃	SOT-23-3L TO-92S
	KTH5642A2				A2 : 9.0mV	A2 : ±266GS			
KTH5643	KTH5643A1	Linear	2.8~6.0V	3.3mA@5V	A1 : 4.0mV	A1: ±1600GS	Linear analog output	-40~125℃	SOT-23-3L TO-92S
	KTH5643A2				A2 : 7.0mV	A2 : ±343GS			
	KTH5643A3				A3 : 10mV	A3 : ±240GS			
	KTH5643A4				A4 : 13mV	A4 : ±185GS			

Hall sensing direction

Applications of Hall-effect Sensors

Linear Hall-effect Sensor IC

- Power Tools – for precise speed and position control
- Automotive Applications – for accurate sensing in vehicles
- Industrial Equipments – for robust detection and control in machinery



07 Hall-effect Switch/Latch ICs

Series	Product name	Type	Operating voltage	Average current consumption	Operating frequency	BOP(Gs)	BRP(Gs)	Output interface	Operating temperature	Package
KTH1601	KTH1601TH	Omnipolar	1.6~5.5V	3.3μA@1.8V	20Hz	46/-46	34/-34	CMOS	-40~85℃	SOT-23-3L SOT-553 TO-92S
	KTH1601SH			1.6μA@1.8V	5Hz					
	KTH1601TL			3.3μA@1.8V	20Hz	33/-33	23/-23	CMOS	-40~85℃	
	KTH1601SL			1.6μA@1.8V	5Hz					
	KTH1601SU			1.6μA@1.8V	5Hz	22/-22	16/-16	CMOS	-40~85℃	
KTH1611	KTH1611TH	S pole	1.6~5.5V	3.3μA@1.8V	20Hz	46	34	CMOS	-40~85℃	
	KTH1611SH			1.6μA@1.8V	5Hz					
	KTH1611TL			3.3μA@1.8V	20Hz	33	23	CMOS	-40~85℃	
	KTH1611SL			1.6μA@1.8V	5Hz					
KTH1621	KTH1621TH	N pole	1.6~5.5V	3.3μA@1.8V	20Hz	-46	-34	CMOS	-40~85℃	
	KTH1621SH			1.6μA@1.8V	5Hz					
	KTH1621TL			3.3μA@1.8V	20Hz	-33	-23	CMOS	-40~85℃	
	KTH1621SL			1.6μA@1.8V	5Hz					
KTH1604	KTH1604TH	Dual outputs unipolar	1.6~5.5V	3.3μA@1.8V	20Hz	46/-46	34/-34	CMOS	-40~85℃	HFBP 1010-4L
	KTH1604SH			1.6μA@1.8V	5Hz			CMOS		
	KTH1604TL			3.3μA@1.8V	20Hz	33/-33	23/-23	CMOS		
	KTH1604SL			1.6μA@1.8V	5Hz			CMOS		
	KTH1604SU			1.6μA@1.8V	5Hz	22/-22	16/-16	CMOS		
KTH1631	KTH1631FU	Latch	1.8~5.5V	2.25mA@1.8V	40KHz	-20/20	20/-20	CMOS	-40~85℃	SOT-23-3L TO-92S
KTH1605p	KTH1605PL	Omnipolar	1.6~5.5V	700μA@1.8V	5KHz	33/-33	23/-23	CMOS	-40~85℃	SOT-23-3L
KTH1531 (Industrial)	KTH1531FU	Latch	1.8~5.5V	2.25mA@1.8V	40KHz	-22/22	22/-22	CMOS	-40~125℃	SOT-23-3L TO-92S
KTH1501 (Industrial)	KTH1501SL	Omnipolar	1.6~5.5V	1.6μA@1.8V	5Hz	33/-33	23/-23	CMOS	-40~125℃	SOT-23-3L
KTH1642	KTH1642	Omnipolar	1.8~5.5V	10μA@3.0V	14.29Hz (70ms)	6~60/ -60~-6	5~59/ -59~-5	Open-drain output	-40~85℃	SOT-23-3L TSOT-23 TO-92S QFN2020-3L
KTH1701	KTH1701FH	Omnipolar	1.8~5.5V	10.4uA@1.8V	500Hz	48/-48	28/-28	CMOS	-40~85℃	SOT-23-3L TO-92S
	KTH1701TH			2.4uA@1.8V	100Hz					
	KTH1701SH			0.9uA@1.8V	25Hz					
	KTH1701FL			10.4uA@1.8V	500Hz	36/-36	20/-20	CMOS	-40~85°C	
	KTH1701TL			2.4uA@1.8V	100Hz					
	KTH1701SL			0.9uA@1.8V	25Hz					
	KTH1701FU			10.4uA@1.8V	500Hz	26/-26	14/-14	CMOS	-40~85°C	
	KTH1701TU			2.4uA@1.8V	100Hz					
	KTH1701SU			0.9uA@1.8V	25Hz					
KTH1711	KTH1711TH	S pole	1.8~5.5V	2.4uA@1.8V	100Hz	50	35	CMOS	-40~85°C	SOT-23-3L TO-92S
	KTH1711SH			0.9uA@1.8V	25Hz					
KTH1721	KTH1721TH	N pole	1.8~5.5V	2.4uA@1.8V	100Hz	-50	-35	CMOS	-40~85°C	
	KTH1721SH			0.9uA@1.8V	25Hz					
KTH1722	KTH1722CC	N pole	1.8~5.5V	2.25mA@1.8V	40kHz	-125	-90	Open-drain output	-40~85℃	SOT-23-3L

Hall sensing direction

High Voltage Applicationss

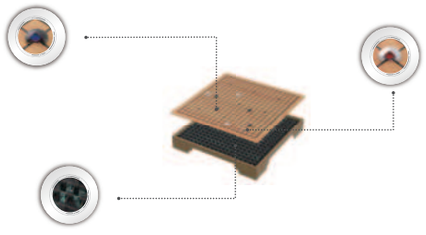
Hall-effect Switch/Latch ICs

- Collision detection
- TWS earbuds
- Smart home
- Customer Safety
- Portable devices
- Comfort systems

Healthy Industry Applications

Hall-effect Switch/Latch ICs

- Energy management
- Automation systems
- Navigation systems
- Game systems
- Robotics



Home Applications

Hall-effect Switch/Latch ICs

- Wheel sensors
- Door sensors

08 Nano-power TMR Magnetic Switch/Latch ICs

Series	Product name	Type	Operating voltage	Average current consumption	Operating frequency	BOP(Gs)	BRP(Gs)	Output interface	Operating temperature	Package
KTM1301	KTM1301TA	Omnipolar	1.8~5.5V	1.9μA@3.0V	5000Hz	±45	±36	CMOS	-40~125℃	SOT-23-3L TO-92S
	KTM1301SA			160nA@3V	50Hz					
	KTM1301TB		1.8~5.5V	1.9μA@3.0V	5000Hz	±30	±21	CMOS		
	KTM1301SB			160nA@3V	50Hz					
	KTM1301TC		1.8~5.5V	1.9μA@3.0V	5000Hz	±18	±12	CMOS		
	KTM1301SC			160nA@3V	50Hz					
	KTM1301TD		1.8~5.5V	1.9μA@3.0V	5000Hz	±9	±6	CMOS		
	KTM1301SD			160nA@3V	50Hz					
	KTM1301TE		1.8~5.5V	1.9μA@3.0V	5000Hz	±7	±4	CMOS		
	KTM1301SE			160nA@3V	50Hz					
KTM1311	KTM1311TA	S pole	1.8~5.5V	1.9μA@3.0V	5000Hz	45	36	CMOS	-40~125℃	SOT-23-3L TO-92S
	KTM1311SA			160nA@3V	50Hz					
	KTM1311TB		1.8~5.5V	1.9μA@3.0V	5000Hz	30	21	CMOS		
	KTM1311SB			160nA@3V	50Hz					
	KTM1311TC		1.8~5.5V	1.9μA@3.0V	5000Hz	18	12	CMOS		
	KTM1311SC			160nA@3V	50Hz					
	KTM1311TD		1.8~5.5V	1.9μA@3.0V	5000Hz	9	6	CMOS		
	KTM1311SD			160nA@3V	50Hz					
KTM1321	KTM1321TA	N pole	1.8~5.5V	1.9μA@3.0V	5000Hz	-45	-36	CMOS	-40~125℃	SOT-23-3L TO-92S
	KTM1321SA			160nA@3V	50Hz					
	KTM1321TB		1.8~5.5V	1.9μA@3.0V	5000Hz	-30	-21	CMOS		
	KTM1321SB			160nA@3V	50Hz					
	KTM1321TC		1.8~5.5V	1.9μA@3.0V	5000Hz	-18	-12	CMOS		
	KTM1321SC			160nA@3V	50Hz					
	KTM1321TD		1.8~5.5V	1.9μA@3.0V	5000Hz	-9	-6	CMOS		
	KTM1321SD			160nA@3V	50Hz					
KTM1331	KTM1331TA	Latch	1.8~5.5V	1.9μA@3.0V	5000Hz	45	-45	CMOS	-40~125℃	SOT-23-3L TO-92S
	KTM1331SA			160nA@3V	50Hz					
	KTM1331TB		1.8~5.5V	1.9μA@3.0V	5000Hz	30	-30	CMOS		
	KTM1331SB			160nA@3V	50Hz					
	KTM1331TC		1.8~5.5V	1.9μA@3.0V	5000Hz	17	-17	CMOS		
	KTM1331SC			160nA@3V	50Hz					
	KTM1331TD		1.8~5.5V	1.9μA@3.0V	5000Hz	9	-9	CMOS		
	KTM1331SD			160nA@3V	50Hz					
	KTM1331TE		1.8~5.5V	1.9μA@3.0V	5000Hz	5	-5	CMOS		
	KTM1331SE			160nA@3V	50Hz					
KTM1302	KTM1302TA	Omnipolar	1.8~5.5V	1.9μA@3.0V	5000Hz	±45	±36	Open-drain output	-40~125℃	SOT-23-3L TO-92S
	KTM1302SA			160nA@3V	50Hz					
	KTM1302TB		1.8~5.5V	1.9μA@3.0V	5000Hz	±30	±21	Open-drain output		
	KTM1302SB			160nA@3V	50Hz					
	KTM1302TC		1.8~5.5V	1.9μA@3.0V	5000Hz	±18	±12	Open-drain output		
	KTM1302SC			160nA@3V	50Hz					
	KTM1302TD		1.8~5.5V	1.9μA@3.0V	5000Hz	±9	±6	Open-drain output		
	KTM1302SD			160nA@3V	50Hz					
	KTM1302TE		1.8~5.5V	1.9μA@3.0V	5000Hz	±7	±4	Open-drain output		
	KTM1302SE			160nA@3V	50Hz					
KTM1304	KTM1304SB	Omnipolar	1.8~5.5V	160nA@3V	50Hz	±30	±21	CMOS	-40~125℃	DFN2*2-3L
	KTM1304SD		1.8~5.5V	160nA@3V	50Hz	±9	±6	CMOS		
	KTM1304SE		1.8~5.5V	160nA@3V	50Hz	±7	±4	CMOS		

TMR sensing direction

Home Applications

Nano-power TMR Magnetic Switch/Latch ICs

- Electric meters
- Smart locks
- Water meters

Industrial Applications

Nano-power TMR Magnetic Switch/Latch ICs

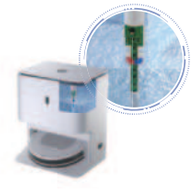
- Multi-function pens
- Portable scanners
- Security locks



Consumer Electronics

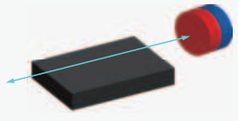
Nano-power TMR Magnetic Switch/Latch ICs

- Smart faucets
- Security cameras



09 AMR Magnetic Switch ICs for Air Cylinder

Series	Product name	Tpye	Operating voltage	Average current consumption	Operating frequency	BOP(Gs)	BRP(Gs)	Output interface	Operating temperature	Package
KTM280X	KTM2801 KTM2802	Omni	3~32V	70uA	4KHz	±18	±16	Open-drain output	-40~105℃	HFBP2*3-6L

Sensing direction	

Applications

AMR Magnetic Switch ICs for Air Cylinder

- High-voltage cylinder position detection sensors




10 Zero-Drift Zero-Offset Operational Amplifier ICs

Series	Product name	Channel	Supply voltage (VCC)	Input offset voltage (VOS)	Gain-bandwidth product (GBW)	Offset voltage drift over tem Input perature (dVos/dT)	Voltage noise (f = 0.1Hz ~ 10Hz)	Slew rate (SR)	Input bias current (IB)
KTAX333	KTA2333-MP8 KTA2333-SP8 KTA333-ST5	Single or dual	1.8V-5.5V	2μV(TYP) 10μV(MAX)	350KHz	0.02μV/℃	1.1μVPP	0.16V/μs	+100pA
	Input offset current (IOS)	Input offset current (IOS)	Quiescent consum current ption (CMRR)	Power Supply rejection ratio (PSRR)	Open-loop gain (AOL)	Rail-to-Rail I/O	Temperature range	Package	
	±120pA	30μA	120dB	1μV/V	120dB	IN,OUT	-40~+125 ℃	MSOP-88(Dual channel) SOP-88(Dual channel) SOT23-58(Dual channel)	

Instruments and Apparatus

Zero-Drift Zero-Offset Operational Amplifier ICs

- Temperature sensors
- Humidity sensors
- Air quality detectors

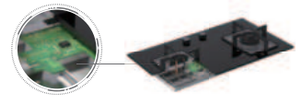


Signal Detection Applications

Zero-Drift Zero-Offset Operational Amplifier ICs

- Air pressure sensors
- Torque sensors
- Gas stove temperature detection





11 Temperature Sensor ICs

Series	Temp accuracy	Temp resolution	Operating voltage	Average current consumption	Standby current consumption	Feature	Interface type	Operating temperature	Package
KTP112	±0.5℃	0.0078℃ (16 bits)	1.8~5.5V	5uA@1Hz	200nA	Programmable temperature alert limits	I2C,SMBus	-40~125℃	DFN2*2-6L

Applications

Temperature sensor ICs

- Thermometers
- Mobile devices
- PC docks
- Power converters
- Projection equipment