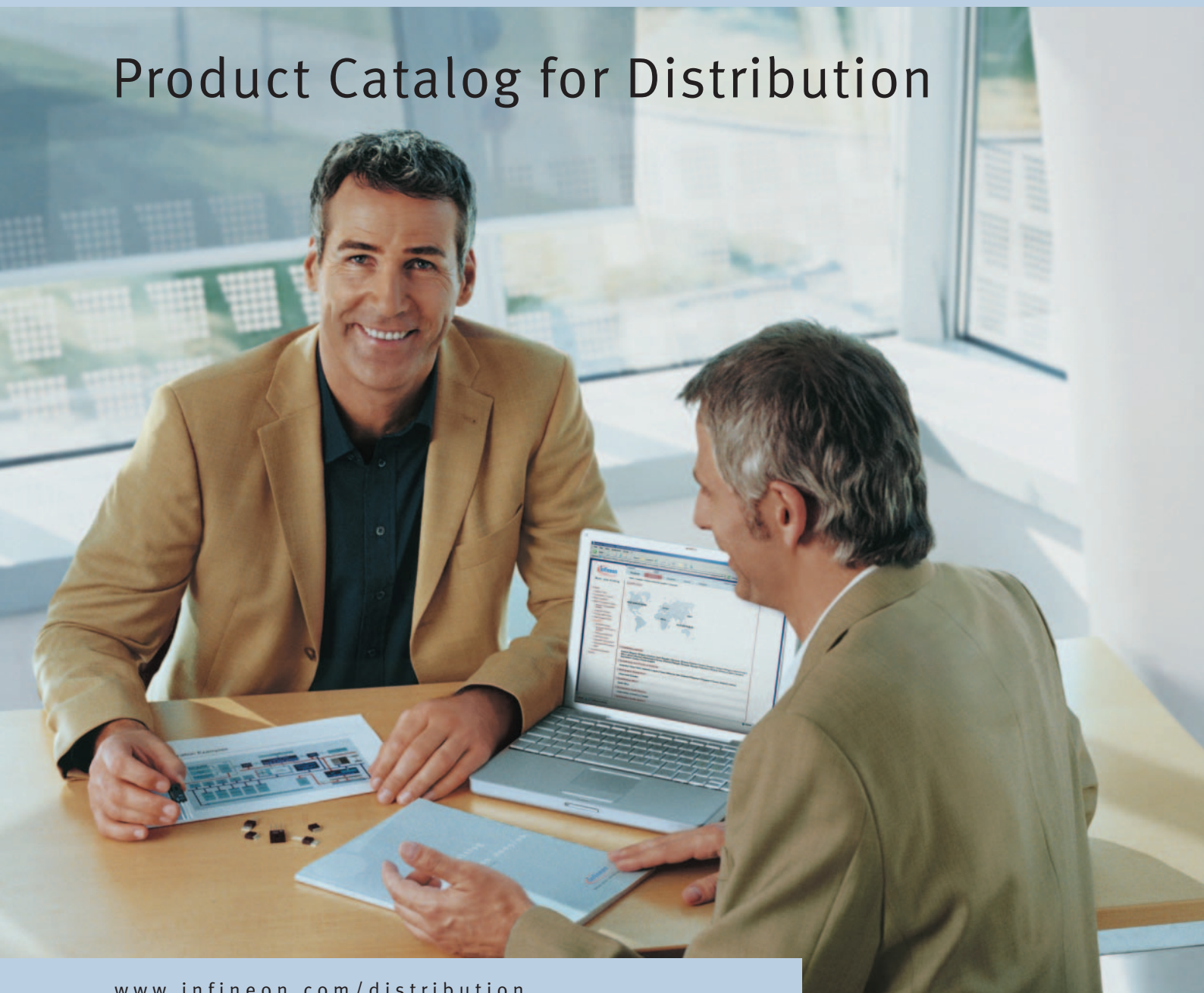


Product Catalog for Distribution



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Sensors



Never stop thinking

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- ® Registered trademark
- TM Trademark

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Sensors

Type	Ordering Code	Package	Data			
			Pressure Range	$P_{\max}$	V_s	Operating Temperature Range
			kPa	kPa	V	°C

Absolute Barometric Pressure Sensor IC

KP125	SP000076563	PG-DSOF-8-12	40 ... 150	240	4.50 ... 5.50	-40 ... +125
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Absolute Pressure Sensor IC

▼ SP12	SP000014795	P-DSOSP-14-1	100 ... 450	± 8.5	1.80 ... 3.60	-40 ... +125
▼ SP12 T-T1	SP000014797	P-DSOSP-14-1	50 ... 1400	± 28	1.80 ... 3.60	-40 ... +125
▼ SP30 V2.1	SP000081558	P-DSOSP-14-6	100 ... 450	± 7.0	1.80 ... 3.60	-40 ... +125
▼ SP30 V4.1	SP000208318	PG-DSOSP-14-6	100 ... 450	± 7.0	1.80 ... 3.60	-40 ... +125

Type	Ordering Code	Package	Data				
			Basic Resistance $T_A = 25^{\circ}\text{C}$ $I_N = 1\text{ mA}$	I_{max} (25°C)	(Thermal time constant 0 – 63 %)		Operating Temperature Range
					in still air	in still oil	
					Ω	mA	

Silicon Temperature Sensors

KT 110	SP000011499	TO-92	2000 ± 60	5	11	1.5	-50 ... +150
KT 130	SP000013615	SOT23	2000 ± 60	5	7	1	-50 ... +150
KT 210	SP000011509	TO-92	1000 ± 30	7	11	1.5	-50 ... +150
KT 230	SP000011513	SOT23	1000 ± 30	7	7	1	-50 ... +150
KTY 11-5	SP000011496	TO-92	1970 ± 20	5	11	1.5	-50 ... +150
KTY 11-6	SP000011497	TO-92	2000 ± 20	5	11	1.5	-50 ... +150
KTY 11-7	SP000011498	TO-92	2030 ± 20	5	11	1.5	-50 ... +150
KTY 13-5	SP000013612	SOT23	1970 ± 20	5	7	1	-50 ... +150
KTY 13-6	SP000013613	SOT23	2000 ± 20	5	7	1	-50 ... +150
KTY 13-7	SP000013614	SOT23	2030 ± 20	5	7	1	-50 ... +150
KTY 21-5	SP000011506	TO-92	985 ± 10	7	40	4	-50 ... +150
KTY 21-6	SP000011507	TO-92	1000 ± 10	7	40	4	-50 ... +150
KTY 21-7	SP000011508	TO-92	1015 ± 10	7	40	4	-50 ... +150
KTY 23-5	SP000011510	SOT23	985 ± 10	7	7	1	-50 ... +150
KTY 23-6	SP000011511	SOT23	1000 ± 10	7	7	1	-50 ... +150
KTY 23-7	SP000011512	SOT23	1015 ± 10	7	7	1	-50 ... +150

SMD = Surface Mounted Device

Sensors

Type	Ordering Code	Package	Description
Hall ICs			
TLE 4905L	SP000016544	PG-SSO-3-2	Unipolar Hall IC switch, tape & reel
TLE 4905L E-6433	SP000016545	PG-SSO-3-2	Unipolar Hall IC switch, AMMO-pack
TLE 4905G	SP000011869	SOT89	
TLE 4935L	SP000016376	PG-SSO-3-2	Bipolar Hall IC latch, AMMO-pack
TLE 4935G	SP000011877	SOT89	Bipolar Hall IC latch, tape & reel
TLE 4945L	SP000016546	PG-SSO-3-2	Bipolar Hall IC switch, AMMO-pack
TLE 4945-2L	SP000013154	PG-SSO-3-2	
TLE 4945-2G	SP000011879	SOT89	Bipolar Hall IC switch, tape & reel
TLE 4906L	SP000012949	PG-SSO-3-2	High precision unipolar Hall IC switch, AMMO-pack
TLE 4906H	SP000012950	SC59	High precision unipolar Hall IC switch, tape & reel
TLE 4966L	SP000014135	PG-SSO-4-1	High precision bipolar double Hall IC switch, AMMO-pack
TLE 4966H	SP000014532	TSOP6-1	High precision bipolar double Hall IC switch, tape & reel
TLE 4946H	SP000014640	SC59	High precision bipolar Hall IC latch, tape & reel
TLE 4946-1L	SP000015003	PG-SSO-3-2	High precision bipolar Hall IC latch, AMMO-pack
TLE 4976L	SP000012951	PG-SSO-3-2	High precision unipolar Hall IC switch with 2-wire interface, AMMO-pack
TLE 4976-1H	SP000014722	SC59	High precision unipolar Hall IC switch with 2-wire interface, tape & reel
TLE 4921-5U	SP000013593	PG-SSO-4-1	Dynamic differential Hall effect sensor IC, AMMO-pack
TLE 4923	SP000011875	PG-SSO-3-6	
TLE 4925	SP000013753	PG-SSO-3-6	Dynamic differential Hall effect sensor IC for crankshaft and transmission applications, AMMO-pack
TLE 4925C	SP000014169	PG-SSO-3-9	
TLE 4925-HT	SP000018185	PG-SSO-6	
TLE 4925C-HT E-6747	SP000076003	PG-SSO-9	
TLE 4913	SP000013490	SC59	Low power Hall IC switch for battery powered applications, tape & reel
TLE 4917	SP000013477	TSOP6-1	
TLE 4941	SP000015115	PG-SSO-2-1	Self calibrating differential Hall IC, two wire standard current interface, AMMO-pack
TLE 4941C	SP000015116	PG-SSO-2-2	
TLE 4941-1	SP000014942	PG-SSO-2-1	Self calibrating differential Hall IC, two wire PWM current interface, AMMO-pack
TLE 4941-1C	SP000014553	PG-SSO-2-2	
TLE 4942-1	SP000015067	PG-SSO-2-1	Self calibrating differential Hall IC, two wire PWM current interface, air-gap diagnosis, assembly position diagnosis, detection of rotation direction, AMMO-pack
TLE 4942-1C	SP000014552	PG-SSO-2-2	Self calibrating differential Hall IC, two wire PWM current interface, air-gap diagnosis, assembly position diagnosis, AMMO-pack
TLE 4953 C	SP000015141	PG-SSO2-2	Hall effect based transmission speed sensor IC with direction detection and vibration suppression, two wire PWM current interface, AMMO-pack
TLE 4990	SP000012542	PG-SSO-4-1	Preprogrammable linear output Hall effect IC, AMMO-pack
TLE 4990 E-6782	SP000014373	PG-SSO-4-1	
Angular Rate Sensors			
SAR 10H	SP000236872	P-DSOSA-16-5	Micro-machined silicon angular sensor designed for automotive rollover detection and navigation support systems

SMD = Surface Mounted Device

Sensors

Type	Ordering Code	Package	Description
Wireless Control			
▼ TDA 5102	SP000013431	P-TSSOP-16-1	ASK/FSK transceiver, 915 MHz, tape & reel
▼ TDA 5102	SP000013432	PG-TSSOP-16-1	ASK/FSK transceiver, 915 MHz, tape & reel
TDA 5200	SP000016381	P-TSSOP-28-1	ASK receiver, 433/868 MHz, tape & reel
TDA 5201	SP000012902	P-TSSOP-28-1	ASK receiver, 315/345 MHz, tape & reel
▼ TDA 5201	SP000087135	PG-TSSOP-28-1	ASK receiver, 315/345 MHz, tape & reel
TDA 5210	SP000016384	P-TSSOP-28-1	ASK/FSK receiver, 433/868 MHz, tape & reel
▼ TDA 5210	SP000087156	PG-TSSOP-28-1	ASK/FSK receiver, 433/868 MHz, tape & reel
TDA 5211	SP000016390	P-TSSOP-28-1	ASK/FSK receiver, 315 MHz, tape & reel
TDA 5212	SP000013430	P-TSSOP-28-1	ASK/FSK receiver, 915 MHz, tape & reel
TDA 5220	SP000014342	P-TSSOP-28-1	ASK/FSK receiver, 433/868 MHz, tape & reel
TDA 5221	SP000014343	P-TSSOP-28-1	ASK/FSK receiver, 315/317 MHz, tape & reel
TDA 5250	SP000012956	P-TSSOP-38-1	ASK/FSK transceiver, 868 MHz, tape & reel
TDA 5251	SP000014554	P-TSSOP-38-1	ASK/FSK transceiver, 315 MHz, tape & reel
▼ TDA 5252	SP000057332	P-TSSOP-38-1	ASK/FSK transceiver, 915 MHz, tape & reel
TDA 5255	SP000014555	P-TSSOP-38-1	ASK/FSK transceiver, 434 MHz, tape & reel
TDK 5100	SP000014556	P-TSSOP-16-1	ASK/FSK transmitter, 433/868 MHz, –40°C to 125°C operating temperature, tape & reel
TDK 5100 F	SP000014745	PG-TSSOP-10-1	ASK/FSK transmitter, 434 MHz, –40°C to 125°C operating temperature, tape & reel
TDK 5101	SP000014558	P-TSSOP-16-1	ASK/FSK transmitter, 315 MHz, –40°C to 125°C operating temperature, tape & reel
TDK 5101F	SP000014744	P-TSSOP-10-1	ASK/FSK transmitter, 315 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel
TDK 5110	SP000013531	P-TSSOP-16-1	ASK/FSK transmitter, 433/868 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel
▼ TDK 5110 F	SP000056180	PG-TSSOP-10-1	ASK/FSK transmitter, 433/868 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel
TDK 5111	SP000014016	P-TSSOP-16-1	ASK/FSK transmitter, 315 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel
▼ TDK 5111F	SP000056181	P-TSSOP-10-1	ASK/FSK transmitter, 315 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel
▼ TDK 5116F	SP000056182	PG-TSSOP-10-1	ASK/FSK transmitter, 868 MHz, –40°C to 125°C operating temperature, 10-dBm output power, tape & reel

Summary of Types

Type	Ordering Code	Page	Type	Ordering Code	Page
K			TDA 5255	SP000014555	8
KP125	SP000076563	6	TDK 5100	SP000014556	8
KT 110	SP000011499	6	TDK 5100 F	SP000014745	8
KT 130	SP000013615	6	TDK 5101	SP000014558	8
KT 210	SP000011509	6	TDK 5101F	SP000014744	8
KT 230	SP000011513	6	TDK 5110	SP000013531	8
KTY 11-5	SP000011496	6	TDK 5110 F	SP000056180	8
KTY 11-6	SP000011497	6	TDK 5111	SP000014016	8
KTY 11-7	SP000011498	6	TDK 5111F	SP000056181	8
KTY 13-5	SP000013612	6	TDK 5116F	SP000056182	8
KTY 13-6	SP000013613	6	TLE 4905G	SP000011869	7
KTY 13-7	SP000013614	6	TLE 4905L	SP000016544	7
KTY 21-5	SP000011506	6	TLE 4905L E-6433	SP000016545	7
KTY 21-6	SP000011507	6	TLE 4906H	SP000012950	7
KTY 21-7	SP000011508	6	TLE 4906L	SP000012949	7
KTY 23-5	SP000011510	6	TLE 4913	SP000013490	7
KTY 23-6	SP000011511	6	TLE 4917	SP000013477	7
KTY 23-7	SP000011512	6	TLE 4921-5U	SP000013593	7
S			TLE 4923	SP000011875	7
SAR 10H	SP000236872	7	TLE 4925	SP000013753	7
SP12	SP000014795	6	TLE 4925C	SP000014169	7
SP12 T-T1	SP000014797	6	TLE 4925C-HT E-6747	SP000076003	7
SP30 V2.1	SP000081558	6	TLE 4925-HT	SP000018185	7
SP30 V4.1	SP000208318	6	TLE 4935G	SP000011877	7
T			TLE 4935L	SP000016376	7
TDA 5102	SP000013431	8	TLE 4941	SP000015115	7
TDA 5102	SP000013432	8	TLE 4941-1	SP000014942	7
TDA 5200	SP000016381	8	TLE 4941-1C	SP000014553	7
TDA 5201	SP000012902	8	TLE 4941C	SP000015116	7
TDA 5201	SP000087135	8	TLE 4942-1	SP000015067	7
TDA 5210	SP000016384	8	TLE 4942-1C	SP000014552	7
TDA 5210	SP000087156	8	TLE 4945-2G	SP000011879	7
TDA 5211	SP000016390	8	TLE 4945-2L	SP000013154	7
TDA 5212	SP000013430	8	TLE 4945L	SP000016546	7
TDA 5220	SP000014342	8	TLE 4946-1L	SP000015003	7
TDA 5221	SP000014343	8	TLE 4946H	SP000014640	7
TDA 5250	SP000012956	8	TLE 4953 C	SP000015141	7
TDA 5251	SP000014554	8	TLE 4966H	SP000014532	7
TDA 5252	SP000057332	8	TLE 4966L	SP000014135	7
			TLE 4976-1H	SP000014722	7
			TLE 4976L	SP000012951	7
			TLE 4990	SP000012542	7
			TLE 4990 E-6782	SP000014373	7

