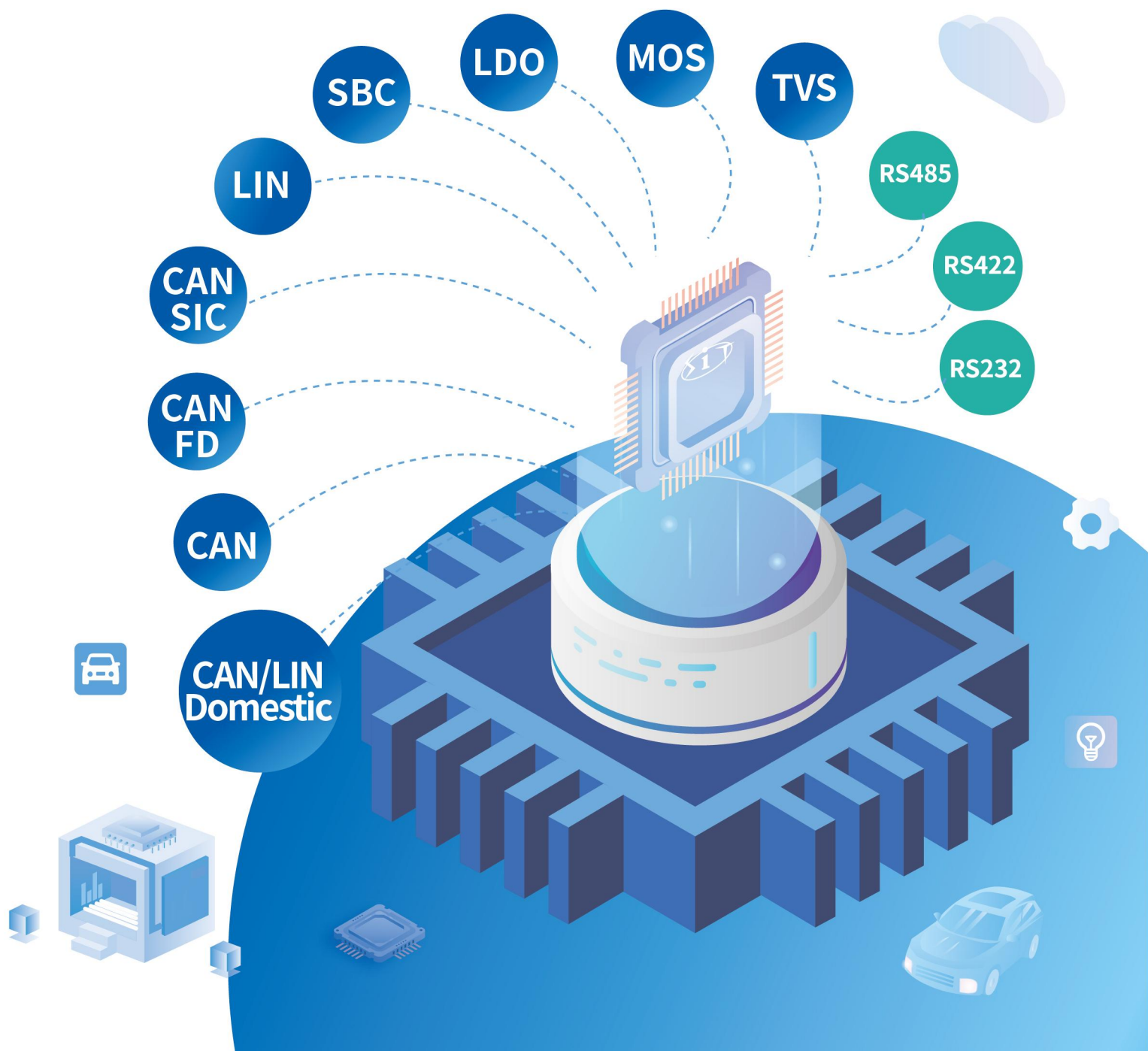




SITCORES

芯力特电子科技有限公司



芯力特重点推荐全国产化系列产品

全国产 CAN FD 芯片 ——SIT1044GQ

全国产 LIN 芯片 ——SIT1021GQ



芯力特电子科技有限公司 是一家由留学归国人员创办，专业从事混合信号集成电路设计的高新技术企业，现为豪威集团旗下独立运营的品牌。公司通过ISO9001国际质量体系认证，被科技部评审为“国家高新技术企业”，为中国半导体行业协会“会员单位”、中国汽车工业协会“会员单位”、德国CiA (CAN in AUTOMATION) 协会“会员单位”、深圳市汽车电子行业协会“理事单位”。公司拥有授权国家发明专利二十余项。

Silicon Internet of Things Technology Co., Ltd is a high-tech enterprise founded by returnees, specializing in mixed signal integrated circuit design. Currently, it is an independently operated brand under Howell Group. The company has passed the ISO9001 international quality system certification, has been evaluated as a "National High-tech Enterprise" by the Ministry of Science and Technology, it is also a "Member Unit" of China Semiconductor Industry Association, a "Member Unit" of China Automobile Industry Association, a "Member Unit" of German CiA (CAN in Automation) Association, and a "Director Unit" of Shenzhen Automobile Electronics Industry Association. Our company has authorized more than 20 national invention patents.

作为国内首家同时拥有CAN、LIN收发器芯片的模拟IC厂商，陆续发布了100余款产品，包括CAN、CAN FD、LIN、SBC、LDO、MOS、TVS、RS485、RS422和RS232产品，其中CAN/LIN出货量超过10亿颗，产品广泛应用于汽车、工业、通讯、安防等众多领域，是国内CAN/LIN接口细分领域产品系列最齐全、出货量最大、产品最成熟的IC设计公司。截至目前，SIT已与国内外多家领先的汽车厂商及600多家一级/二级汽车零部件供应商建立了深入的合作关系。

As the first analog IC manufacturer with both CAN and LIN transceiver in China. SIT has mass produced more than 100 part numbers, including CAN, CAN FD, LIN, SBC, LDO, MOS, TVS, RS485, RS422 and RS232 products, the shipment volume of CAN/LIN exceeds 1000 million pieces. The products have been widely used in different systems in automobile, industry, communication and other fields. SIT keep focusing on the field of automotive electronics and industry, has been able to provide personalized services and high-quality products to global customers. Until now SIT has established in-depth cooperation with leading OEMs and more than 600 Tier1/Tier2 manufacturers in domestic and overseas market.

芯力特在国内率先突破芯片级集成抗雷击器件的关键技术并产业化；抗雷击RS485芯片产品由中国半导体行业协会评选为“第十一届（2016年度）中国半导体创新产品”，带休眠与唤醒功能的高性能CAN总线系列芯片SIT1040获得2019年度“中国芯”优秀技术创新产品，核心技术获得市科技进步奖，车载本地互连网络LIN收发器芯片SIT1021获得2021年度“中国芯”优秀技术创新产品。芯力特将不断耕耘工业和车载领域，开发出更多更高水平的模拟芯片。

Silicon is the first company in China to have the breakthrough in the core technology of chip-level integrated lightning prevention devices and have industrialized it; the lightning prevention RS485 chip product was evaluated by China Semiconductor Industry Association as the "11th (2016) China Semiconductor Innovative Product", the chip SIT1040 from the CAN bus series with high performance in hibernation and the waking function has won the 2019 "China Chips" outstanding technological innovation product, its core technology has won the city's science progress award, The on-board local Internet LIN transceiver chip SIT1021 has won the 2021 "China Chips" outstanding technological innovation product. Silicon will continue to cultivate in the industrial and automotive fields and develop more and more high-level analog chips.



RS232系列产品列表

RS232 PRODUCT LIST

Part Number 型号	Power Supply (V) 供电电源	Signaling Rate (Mbps) 速率	ESD Ability (KV) ESD	NO. OF EXTERNAL CAPACITORS (μF) 外接电容	Operating Temperature Range(°C) 温度	No. of TX 发送通道	No. of RX 接收通道	Package 封装	Pin to pin 替换型号
SIT232	5	0.096	2	4(1)	-40~85	2	2	SOP16/SOPW16	MAX232
SIT232E	5	0.096	15	4(1)	-40~85	2	2	SOP16	MAX232E
SIT3232E	3.3~5	0.096	15	4(0.1)	-40~85	2	2	SOP16/SSOP16/ TSSOP16/SOPW16	MAX3232



RS485系列产品列表

RS485 PRODUCT LIST

Part Number 型号	Power Supply (V) 供电电压	Signaling Rate (Mbps) 速率	Duplex 全/半双工	Polarity Correction 极性校正	Number of Nodes 节点数	ESD Ability (KV) 静电能力	ICC (uA) 功耗	Package 封装	Pin to pin 替换型号
SIT3085E	5	1	Half	N	256	16	165	SOP8/DIP8/MSOP8	MAX3085E
SIT3082E	5	0.2	Half	N	256	15	170	SOP8/DIP8/MSOP8	MAX3082E
SIT3485	3.3	12	Half	N	256	\	540	SOP8/DIP8/MSOP8	MAX3485
SIT3485E	3.3/5	12	Half	N	256	15	280	SOP8/DIP8/MSOP8	MAX3485E
SIT65176B	3.3/5	10	Half	N	256	15	360	SOP8	SN65176B
SIT75176B	3.3/5	10	Half	N	32	15	280	SOP8/DIP8	SN75176B
SIT65HVD08	3.3/5	10	Half	N	256	15	580	SOP8/DIP8/MSOP8	SN65HVD08
SIT65HVD75	3.3/5	20	Half	N	32	15	400	SOP8/DIP8/DFN3*3-8/MSOP8	SN65HVD75
SIT3088E	3.3/5	14	Half	N	256	15	280	SOP8/DIP8/DFN3*3-8/MSOP8	MAX3088E



RS422系列产品列表

RS485 PRODUCT LIST

Part Number 型号	Power Supply (V) 供电电压	Signaling Rate (Mbps) 速率	Duplex 全/半双工	Polarity Correction 极性校正	Number of Nodes 节点数	ESD Ability (KV) 静电能力	ICC (uA) 功耗	Package 封装	Pin to pin 替换型号
SIT3490E	3.3/5	14	Full	N	256	15	240	SOP8/DIP8/MSOP8	MAX3490E
SIT3491E	3.3/5	12	Full	N	256	15	220	SOP14/DIP14	MAX3491E
SIT488E	5	1	Full	N	256	15	300	SOP8/DIP8/MSOP8	MAX488E
SIT490E	5	12	Full	N	256	15	220	SOP8/DIP8	MAX490E
SIT491E	5	12	Full	N	256	15	220	SOP14/DIP14	MAX491E



隔离系列产品列表

ISO PRODUCT LIST

Part Number 型号	Power Supply (V) 供电电压	Signaling Rate (Mbps) 速率	Isolation voltage (VRMS) 隔离电压	Duplex 全/半双工	Polarity Correction 极性校正	Number of Nodes 节点数	ESD Ability (KV) 静电能力	ICC (uA) 功耗	Package 封装	Pin to pin 替换型号
SIT3491ISO	VCC1=2.5V-5.5V VCC2=4.5V-5.5V	16	5000	Full	N	256	15	3.2 2	SOPW16	ISO3080 ISO3086
SIT3485ISO	VCC1=2.5V-5.5V VCC2=4.5V-5.5V	0.5	5000	Half	N	256	15	4.2 5.8	SOPW16	ISO3082
SIT1050ISO	VCC1=3.0V-5.5V VCC2=4.5V-5.5V	1	2500/5000	\	N	110	8	2.3 50	DUB8 SOPW16	ISO1050



全国产CAN系列产品列表

CAN PRODUCTS - DOMESTIC SUPPLY CHAIN VERSION

Part Number 型号	Supply Voltage(s) (V) 供电电压	Signaling Rate (Mbps) 速率	Wake up & Sleep 唤醒与休眠	Low power Current (uA) 低功耗电流	Dominant Time-Out 显性超时	SelfDiagnostic Or Autobaud 自诊断	Bus Fault Voltage 总线容错电压范围	Package 封装	Pin to pin 替换型号
SIT1044GQT	4.5-5.5	5	Standby Bus Wake up	16.5	Y	N	-42~42	SOP8	TJA1044T、 TJA1044CT、 TJA1044GT
SIT1044GQT/3	4.5-5.5 IO with 1.8V、 3.3V	5	Standby Bus Wake up	VCC:0.7 VIO:16	Y	N	-42~42	SOP8	TJA1044BT、 TJA1044GT/3
SIT1044GQTK	4.5-5.5	5	Standby Bus Wake up	16.5	Y	N	-42~42	DFN3*3-8 (HVSON8)	TJA1044CTK、 TJA1044GTK
SIT1044GQTK/3	4.5-5.5 IO with 1.8V、 3.3V	5	Standby Bus Wake up	VCC:0.7 VIO:16	Y	N	-42~42	DFN3*3-8 (HVSON8)	TJA1044BTK、 TJA1044GT/3
SIT1042GQT	4.5-5.5	5	Standby Bus Wake up	13	Y	N	-58~58	SOP8	TJA1042T、 TJA1042CT
SIT1042GQT/3	4.5-5.5 IO with 1.8V、 3.3V	5	Standby Bus Wake up	VCC:1 VIO:12	Y	N	-58~58	SOP8	TJA1042T/3、 TJA1042BT
SIT1042GQTK	4.5-5.5	5	Standby Bus Wake up	13	Y	N	-58~58	DFN3*3-8 (HVSON8)	TCAN1042xDBR
SIT1042GQTK/3	4.5-5.5 IO with 1.8V、 3.3V	5	Standby Bus Wake up	VCC:1 VIO:12	Y	N	-58~58	DFN3*3-8 (HVSON8)	TJA1042TK/3、 TJA1042BTK
SIT1051GQT/3	4.5-5.5 IO with 1.8V、 3.3V	5	silent	VCC:2000 VIO:6	Y	N	-58~58	SOP8	TJA1051T/3
SIT1051GQTK/3	4.5-5.5 IO with 1.8V、 3.3V	5	silent	VCC:2000 VIO:6	Y	N	-58~58	DFN3*3-8 (HVSON8)	TJA1051TK/3
SIT1057GQT/3	4.5-5.5 IO with 1.8V、 3.3V	5	silent	VCC:2800 VIO:8	Y	N	-42~42	SOP8	TJA1057BT、 TJA1057GT/3
SIT1057GQTK/3	4.5-5.5 IO with 1.8V、 3.3V	5	silent	VCC:2800 VIO:8	Y	N	-42~42	DFN3*3-8 (HVSON8)	TJA1057BTK、 TJA1057GTK/3
SIT1043GQT	VBAT=4.5-40 VCC=4.5-5.5 IO with 1.8V 3.3V	8	Standby Sleep Local Wake up Bus Wake up	16	Y	Y	-58~58	SOP14	TJA1043T
SIT1043GQTK	VBAT=4.5-40 VCC=4.5-5.5 IO with 1.8V 3.3V	8	Standby Sleep Local Wake up Bus Wake up	16	Y	Y	-58~58	DFN14 (HVSON14)	TJA1043TK
SIT1145GQT/FD	VBAT=4.5-40 VCC=4.5-5.5 IO with 1.8V 3.3V	5	Standby PN Sleep Local Wake up Bus Wake up	30	Y	Y	-58~58	SOP14	TJA1145T/FD
SIT1145GQTK/FD	VBAT=4.5-40 VCC=4.5-5.5 IO with 1.8V 3.3V	5	Standby PN Sleep Local Wake up Bus Wake up	30	Y	Y	-58~58	DFN14 (HVSON14)	TJA1145TK/FD



全国产LIN系列产品列表

LIN PRODUCTS - DOMESTIC SUPPLY CHAIN VERSION

Part Number 型号	Supply Voltage(s) (V) 供电电压	Signaling Rate (Mbps) 速率	Wake up & Sleep 唤醒与休眠	Low power Current (uA) 低功耗电流	Dominant Time-Out 显性超时	SelfDiagnostic Or Autobaud 自诊断	Bus Fault Voltage 总线容错电压范围	Package 封装	Pin to pin 替换型号
SIT1021GQT	5.5-27	0.02	Standby.Sleep	8(Sleep)	Y	\	-42~42	SOP8	TJA1021T
SIT1021GQTK	5.5-27	0.02	Standby.Sleep	8(Sleep)	Y	\	-42~42	DFN3*3-8 (HVSON8)	TJA1021TK
SIT1028GQT/5V0	5.5-28	0.02	Standby.Sleep	10(Sleep)	Y	\	-40~40	SOP8	TJA1028T/5V0/20
SIT1028GQTK/5V0	5.5-28	0.02	Standby.Sleep	10(Sleep)	Y	\	-40~40	DFN3*3-8 (HVSON8)	TJA1028TK/5V0/20
SIT1028GQT/3V3	5.5-28	0.02	Standby.Sleep	10(Sleep)	Y	\	-40~40	SOP8	TJA1028T/3V3/20
SIT1028GQTK/3V3	5.5-28	0.02	Standby.Sleep	10(Sleep)	Y	\	-40~40	DFN3*3-8 (HVSON8)	TJA1028TK/3V3/20



CAN系列产品列表

CAN PRODUCT LIST

Part Number 型号	Supply Voltage(s) (V) 供电电压	Signaling Rate (Mbps) 速率	Wake up & Sleep 唤醒与休眠	Low power Current (uA) 低功耗电流	Dominant Time-out 显性超时	Self-Out Diagnostic Or Autobaud 自诊断	Bus Fault Protection Voltage 总线容错电压范围	Package 封装	Pin to pin 替换型号
SIT82C251T	4.5~5.5	1	Standby Hardware Wakeup	5(standby)	N	N	-40~40	SOP8	PCA82C251T
SIT1050QT	4.5~5.5	0.04~1	Silent	3500(silent)	Y	N	-40~40	SOP8	TJA1050T
SIT1040QT	4.5~5.5	0.04~1	Standby Bus Wakeup	5(standby)	Y	N	-40~40	SOP8	TJA1040T
SIT65HVD230DR	3.0~3.6	1	Standby	650(standby)	N	N	-16~16	SOP8	SN65HVD230DR
SIT65HVD231DR	3.0~3.6	1	Sleep, Hardware Wakeup	0.4(sleep)	N	N	-16~16	SOP8	SN65HVD231DR
SIT65HVD232DR	3.0~3.6	1	N	\	N	N	-16~16	SOP8	SN65HVD232DR
SIT65HVD233DR	3.0~3.6	1	Standby	650(standby)	N	Self-Diagnostic	-36~36	SOP8	SN65HVD233DR
SIT65HVD234DR	3.0~3.6	1	Standby, Sleep	370(standby) 0.05(sleep)	N	N	-36~36	SOP8	SN65HVD234DR
SIT65HVD235DR	3.0~3.6	1	Standby	360(standby)	N	Autobaud	-36~36	SOP8	SN65HVD235DR
SIT3051ESA	3.0~3.6	1	Standby(Bus Wakeup), Shutdown(Hardwake up)	8(standby) 1(shutdown)	N	N	-36~36	SOP8	MAX3051ESA



CAN FD系列产品列表

CAN FD PRODUCT LIST

Part Number 型号	Supply Voltage(s) (V) 供电电压	Signaling Rate (Mbps) 速率	Wake up & Sleep 唤醒与休眠	Low power Current (uA) 低功耗电流	Dominant Time-Out 显性超时	Self-Diagnostic Or Autobaud 自诊断	Bus Fault Protection Voltage 总线容错电压范围	Package 封装	Pin to pin 替换型号
SIT1044QT/1	4.75~5.25	0.015~5	Standby Bus Wake up	15	Y	N	-40~40	SOP8	TJA1044T
SIT1044QT/3/1	4.75~5.25 IO with 3.3V	0.015~5	Standby Bus Wake up	VCC:5 VIO:14	Y	N	-40~40	SOP8	TJA1044T/3
SIT1044QTK/1	4.75~5.25	0.015~5	Standby Bus Wake up	15	Y	N	-40~40	DFN3*3-8(HVSON8)	TJA1044TK
SIT1044QTK/3/1	4.75~5.25 IO with 3.3V	0.015~5	Standby Bus Wake up	VCC:5 VIO:14	Y	N	-40~40	DFN3*3-8(HVSON8)	TJA1044TK/3
SIT1044AQT	4.5~5.5	0.015~8	Standby Bus Wake up	21	Y	N	-42~42	SOP8	TJA1044T
SIT1044AQT/3	4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby Bus Wake up	VCC:2 VIO:21	Y	N	-42~42	SOP8	TJA1044T/3
SIT1044AQT/3	4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby Bus Wake up	21	Y	N	-42~42	DFN3*3-8(HVSON8)	TJA1044TK
SIT1044AQT/3	4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby Bus Wake up	VCC:2 VIO:21	Y	N	-42~42	DFN3*3-8(HVSON8)	TJA1044TK/3
SIT1042AQT/1	4.5~5.5	0.015~5	Standby Bus Wake up	12	Y	N	-58~58	SOP8	TJA1042T
SIT1042AQT/3/1	4.5~5.5 IO with 3.3V	0.015~5	Standby Bus Wake up	VCC:0.5 VIO:10	Y	N	-58~58	SOP8	TJA1042T/3
SIT1042AQT/3/1	4.5~5.5 IO with 3.3V	0.015~5	Standby Bus Wake up	VCC:0.5 VIO:10	Y	N	-58~58	DFN3*3-8(HVSON8)	TJA1042TK/3
SIT1051AQT	4.5~5.5	0.015~5	Silent	1500	Y	N	-58~58	SOP8	TJA1051T
SIT1051AQT/E	4.5~5.5	0.015~5	Low Current Off	5	Y	N	-58~58	SOP8	TJA1051T/E
SIT1051AQT/3	4.5~5.5 IO with 3.3V	0.015~5	Silent	1500	Y	N	-58~58	SOP8	TJA1051T/3
SIT1051AQT/3	4.5~5.5 IO with 3.3V	0.015~5	Silent	1500	Y	N	-58~58	DFN3*3-8(HVSON8)	TJA1051TK/3
SIT1043QT/1	VBAT=4.5~40 VCC=4.5~5.5 IO with 3.3V/1.8V	0.015~5	Standby Sleep	16	Y	Y	-58~58	SOP14	TJA1043T
SIT1043QTK/1	VBAT=4.5~40 VCC=4.5~5.5 IO with 3.3V/1.8V	0.015~5	Standby Sleep	16	Y	Y	-58~58	DFN14(HVSON14)	TJA1043TK
SIT1057QT	4.75~5.25	0.015~5	Silent	1200	Y	N	-40~40	SOP8	TJA1057T
SIT1057QT/3	4.75~5.25 IO with 3.3V	0.015~5	Silent	1200	Y	N	-40~40	SOP8	TJA1057T/3
SIT1057QTK/3	4.75~5.25 IO with 3.3V	0.015~5	Silent	1200	Y	N	-40~40	DFN3*3-8(HVSON8)	TJA1057TK/3
SIT1463QT	VBAT=4.5~40 VCC=4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby Sleep	16	Y	Y	-58~58	SOP14	TJA1463AT
SIT1463QTK	VBAT=4.5~40 VCC=4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby Sleep	16	Y	Y	-58~58	DFN14(HVSON14)	TJA1463ATK
SIT1462QT	4.5~5.5	0.015~8	Standby	21	Y	N	-42~42	SOP8	TJA1462BT
SIT1462QT/3	4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby	VCC:2 VIO:21	Y	N	-42~42	SOP8	TJA1462AT
SIT1462QTK	4.5~5.5	0.015~8	Standby	21	Y	N	-42~42	DFN3*3-8(HVSON8)	TJA1462BTK
SIT1462QTK/3	4.5~5.5 IO with 3.3V/1.8V	0.015~8	Standby	VCC:2 VIO:21	Y	N	-42~42	DFN3*3-8(HVSON8)	TJA1462ATK
SIT1145AQT/FD	VBAT=4.5~28 VCC=4.5~5.5 IO with 3.3V	0.005~5	Standby Sleep	60	Y	Y	-58~58	SOP14	TJA1145AT/FD
SIT1145AQT/FD	VBAT=4.5~28 VCC=4.5~5.5 IO with 3.3V	0.005~5	Standby Sleep	60	Y	Y	-58~58	DFN14(HVSON14)	TJA1145ATK/FD



CAN SBC系列产品列表

MINI HIGH-SPEED CAN SYSTEM BASIC CHIP

Part Number 型号	Modes 模式	Supply Voltage(s) (V) 供电电压	Low power Current (uA) 低功耗电流	Output voltage (V) 输出电压	Signaling Rate (Mbps) 速率	MCU Interface MCU接口	Additional Features 附加功能	Package 封装	Pin to pin 替换型号
SIT1169QTK/X/F	Normal Standby Sleep Reset	5~28V	32	V1: 5V/250mA MCU and CAN VEXT: 5 V/100mA, external loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Partial networking; Forced Normal	DFN20	UJA1169ATK/X/F
SIT1169QTK	Normal Standby Sleep Reset	5~28V	32	V1: 5V/250mA MCU only V2: 5V/100mA CAN + on - board loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Forced Normal	DFN20	UJA1169ATK
SIT1169QTK/X	Normal Standby Sleep Reset	5~28V	32	V1: 5V/250mA MCU and CAN VEXT: 5 V/100mA, external loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Forced Normal	DFN20	UJA1169ATK/X
SIT1169QTK/F	Normal Standby Sleep Reset	5~28V	32	V1: 5V/250mA MCU only V2: 5V/100mA CAN + on - board loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Partial networking; Forced Normal	DFN20	UJA1169ATK/F
SIT1169QTK/3	Normal Standby Sleep Reset	5~28V	32	V1: 3.3V/250mA MCU only V2: 5V/100mA CAN + on - board loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Forced Normal	DFN20	UJA1169ATK/3
SIT1169QTK/F/3	Normal Standby Sleep Reset	5~28V	32	V1: 3.3V/250mA MCU only V2: 5V/100mA CAN + on - board loads	5	SPI / RSTN	Watchdog;Wake;LIMP; Non-volatile memory; Partial networking; Forced Normal	DFN20	UJA1169ATK/F/3
SIT1167QTK	Normal Standby Sleep Reset	5~28V	32	V1: 5V/150mA MCU and CAN	5	SPI / RSTN	Watchdog;Wake;INH; Non-volatile memory; Forced Normal	DFN4.5x3-14	UJA1167ATK
SIT1164QTK	Normal Standby Reset	5~28V	32	V1: 5V/150mA MCU and CAN	5	SPI / RSTN	Watchdog; Non-volatile memory; Forced Normal	DFN4.5x3-14	UJA1164ATX



LIN系列产品列表

LIN PRODUCT LIST

Part Number 型号	Supply Voltage(s) (V) 供电电压	Signaling Rate (Mbps) 速率	Wake up & Sleep 唤醒与休眠	Low power Current (uA) 低功耗电流	Dominant Time-Out 显性超时	Package 封装	Pin to pin 替换型号
SIT1021QT/1	5.5~27	0.02	Standby,Sleep	5(Sleep)	Y	SOP8	TJA1021T
SIT1021QTK/1	5.5~27	0.02	Standby,Sleep	5(Sleep)	Y	DFN3*3-8(HVSON8)	TJA1021TK
SIT1022QT	5.5~27	0.02	Standby,Sleep	6(Sleep)	Y	SOP14	TJA1022T
SIT1022QTK	5.5~27	0.02	Standby,Sleep	6(Sleep)	Y	DFN14 (HVSON14)	TJA1022TK
SIT1024QHG	5.5~27	0.02	Standby,Sleep	5(Sleep)	Y	QFN24	TJA1024HG
SIT1027QT	5.5~18	0.02	Standby,Sleep	4(Sleep)	N	SOP8	TJA1027T
SIT1027QTK	5.5~18	0.02	Standby,Sleep	4(Sleep)	N	DFN3*3-8(HVSON8)	TJA1027TK
SIT1028QT/1/5V0	5.5~28	0.02	Standby,Sleep	8(Sleep)	Y	SOP8	TJA1028T/5V0/20
SIT1028QTK/1/5V0	5.5~28	0.02	Standby,Sleep	8(Sleep)	Y	DFN3*3-8(HVSON8)	TJA1028TK/5V0/20
SIT1028QT/1/3V3	5.5~28	0.02	Standby,Sleep	8(Sleep)	Y	SOP8	TJA1028T/3V3/20
SIT1028QTK/1/3V3	5.5~28	0.02	Standby,Sleep	8(Sleep)	Y	DFN3*3-8(HVSON8)	TJA1028TK/3V3/20
SIT1029QT	5.5~18	0.02	Standby,Sleep	4(Sleep)	Y	SOP8	TJA1029T
SIT1029QTK	5.5~18	0.02	Standby,Sleep	4(Sleep)	Y	DFN3*3-8(HVSON8)	TJA1029TK



MOSFET系列产品列表

MOSFET PRODUCT LIST

车规主推 Main recommendations for car specification customers

Part Number 型号	Function 功能	Description 描述	Package 封装	Application 应用	Pin to Pin 替换型号
SNM1014DNAQ-8/TR	N-MOSFET	VDS: 100V, Ron: 11mΩ@10V, VT: 2V, 48A, PDFN5*6-8L	PDFN5*6-8L	Match for DCDC in lighting	BUK9Y15-100E NVMF56B14NL
SNM109R0DNAQ-8/TR	N-MOSFET	VDS: 100V, Ron: 7.2mΩ@10V, VT: 2V, 65A, PDFN5*6-8L	PDFN5*6-8L	Match for DCDC in lighting	BUK9Y12-100E
SNM101R5TLAQ-8/TR	N-MOSFET	VDS: 100V, Ron: 1.25mΩ@10V, VT: 3V, 366A, TOLL	TOLL	BMS	IAUT300N10S5N015
SND1019DNAQ-8/TR	Dual N-MOSFET	VDS: 100V, Ron: 14.5mΩ@10V, VT: 2V, 46A, PDFN5*6-8L	PDFN5*6-8L	Match for multicoil isolation	DMTH10H017LPDQ
SNM084R0DNAQ-8/TR	N-MOSFET	VDS: 80V, Ron: 3.1mΩ@10V, VT: 3V, 121A, PDFN5*6-8L	PDFN5*6-8L	For BLCD, H-bridge, half-bridge drive	
SPM0413DNAQ-8/TR	P-MOSFET	VDS: -40V, Ron: 9.5mΩ@10V, VT: -1.7V, -56A, PDFN5*6-8L	PDFN5*6-8L	Anti-reverse connection protection	BUK6Y14-40P PJQ5443-AU
SPM0413DRAQ-8/TR	P-MOSFET	VDS: -40V, Ron: 9.5mΩ@10V, VT: -1.7V, -55A, PDFN3333-8L	PDFN3333-8L	Anti-reverse connection protection	DMP4013LFGQ NVTFW59D6P04M8LTAG
SPM0410DRAQ-8/TR	P-MOSFET	VDS: -40V, Ron: 7.6mΩ@10V, VT: -1.7V, -75A, PDFN3333-8L	PDFN3333-8L	Anti-reverse connection protection	
SPM0652DRAQ-8/TR	P-MOSFET	VDS: -60V, Ron: 35mΩ@10V, VT: -2V, -27A, PDFN5*6-8L	PDFN5*6-8L	Anti-reverse connection protection	NVTF55116PLTWG
SPM0614DNAQ-8/TR	P-MOSFET	VDS: -60V, Ron: 10.5mΩ@10V, VT: -2V, -64A, PDFN3333-8L	PDFN3333-8L	Anti-reverse connection protection	NVTF55113PLT1G DMP6018LPSQ-13

工业主推 Main recommendations for industrial customers

Part Number 型号	Function 功能	Description 描述	Package 封装	Application 应用	Pin to Pin 替换型号
SNM101R5TLA-8/TR	N-MOSFET	VDS: 100V, Ron: 1.2mΩ@10V, VT: 3V, 378A, TOLL-8L	TOLL-8L	中大型-农业/工业无人机	AOTL66912 IPT015N10NF2S
SNM103R3DNA-8/TR	N-MOSFET	VDS: 100V, Ron: 2.7mΩ@10V, VT: 3V, 174A, PDFN5*6-8L	PDFN5*6-8L	电动工具, 服务器, 储能, BLDC	ISC035N10NM5LF2
SNM045R6DNA-8	N-MOSFET	VDS: 40V, Ron: 4.5mΩ@10V, VT: 1.7V, 38.4A, PDFN5*6-8L	PDFN5*6-8L	笔电, 电动工具, BLDC	JMSL0406AG
SNM042R5DNA-8	N-MOSFET	VDS: 40V, Ron: 2.1mΩ@10V, VT: 1.7V, 121A, PDFN5*6-8L	PDFN5*6-8L	电动工具BLDC, 电池BMS	NCEP10T13G NCEP4090GU
SNM033R4DNA-8	N-MOSFET	VDS: 30V, Ron: 2.7mΩ@10V, VT: 1.7V, 89A, PDFN5*6-8L	PDFN5*6-8L	DC/DC converters Load/Power Switching for portable device	



电源系列产品列表

POWER PRODUCT LIST

Part Number 型号	Vin (Max) 输入电压	Vout (V) 输出电压	Iout (Max) (A) 最大输出电流	IQ (uA) 静态电流	I(SD) (uA) 关断电流	EN	PG	Watchdog	Operating temperature range (°C) 工作温度	Package 封装	Pin to pin 替换型号
SIT14503QU	40	5	0.3	6	1	Y	N	N	-40~125	MSOP -EP8	TPS7B82xxxx-Q1 series
SIT14503QS	40	5	0.3	6	1	Y	N	N	-40~125	SOT -89-5	R1524x series
SIT14333QU	40	3.3	0.3	6	1	Y	N	N	-40~125	MSOP -EP8	TPS7B82xxxx-Q1 series
SIT14333QS	40	3.3	0.3	6	1	Y	N	N	-40~125	SOT -89-5	R1524x series
SIT14AJ3QU	40	ADJ	0.3	6	1	Y	N	N	-40~125	MSOP -EP8	TPS7B82xxxx-Q1 series
SIT14501QSA	40	5	0.15	6	1	N	N	N	-40~125	SOT223 -3L	TPS7B6950QDCYRQ1
SIT14501QSB	40	5	0.15	6	1	N	N	N	-40~125	SOT23 -5L	TPS7B6950QDBVRQ1
SIT14331QSA	40	3.3	0.15	6	1	N	N	N	-40~125	SOT223 -3L	TPS7B6933QDCYRQ1
SIT14331QSB	40	3.3	0.15	6	1	N	N	N	-40~125	SOT23 -5L	TPS7B6933QDBVRQ1
SIT14503QT/P	40	5	0.3	6.5	1	Y	Y	N	-40~125	ESOP8	MPQ2019GN -5-AEC1
SIT14333QT/P	40	3.3	0.3	6.5	1	Y	Y	N	-40~125	ESOP8	MPQ2019GN -3.3-AEC1
SIT14AJ3QT/P	40	ADJ	0.3	6.5	1	Y	Y	N	-40~125	ESOP8	MPQ2019GN -AEC1
SIT24505QT	40	5	0.5	12	1	Y	Y	Y	-40~125	ETSSOP28	TPS7B6850QPWPRQ1
SIT24503QT	40	5	0.3	12	1	Y	Y	Y	-40~125	ETSSOP16	TPS7B6350QPWPRQ1
SIT24335QT	40	3.3	0.5	12	1	Y	Y	Y	-40~125	ETSSOP28	TPS7B6833QPWPRQ1
SIT24333QT	40	3.3	0.3	12	1	Y	Y	Y	-40~125	ETSSOP16	TPS7B6333QPWPRQ1



ESD系列产品列表

ESD PRODUCT LIST

Part Number 型号	Directional 方向	VRWM(V)(Max) 工作电压	IPP@8/20us(A)(Max) 峰值电流	VCL@IPP(V)(Max) 钳位电压	CJ@0V/1MHz(pF)(Type) 电容	Package 封装	Application 应用	Pin to pin 替换型号
SITL24V2BNQ-3/TR	Bi.	24	8	35	10	SOT-23	CAN FD	PESD1CAN
SITNE24V2BNQ-3/TR	Bi.	24	8	38	24	SOT-23	CAN	PESD2CAN
SITNW24V1BNQ-2/TR	Bi.	24	7	37	25	SOD-323	LIN	PESD1LIN
SITSE24V2BNQ-3/TR	Bi.	24	4	38	5.5	SOT-23	CAN FD	PESD2CANFD24V-T
SITLW24V1BNQ-2/TR	Bi.	24	5	41	14	SOD-323	LIN	PESD1IVN24-A
SITBN5V51BNQ-2/TR	Bi.	5.5	3	18	0.22	DFN1006-2L	LVDS	PESD5V0F1BL

部分合作伙伴

BYD



长安汽车



吉利汽车



CHERY



GWM



上汽通用五菱
SCMW



东风汽车
DONGFENG MOTOR



Valeo



FORVIA
faurecia



BOSCH
博世华域转向



AISIN
We Touch the Future

UAES



PLASTIC OMNIUM

GENTHERM
捷温科技

SL Corporation

德赛西威
DESAY SV AUTOMOTIVE

HSAE

Neusoft 东软



ATECH

Cheng-Tech
承泰科技

长江汽车电子
CAEA Changjiang Automobile Electronic



HASCO
AUTOMOTIVE

MIND 曼德

TYW 天有为

上富电技
COLIGEN

星宇股份
XINGYU CO., LTD.

TUOPU 拓普

POSITEC

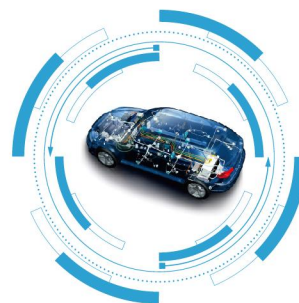
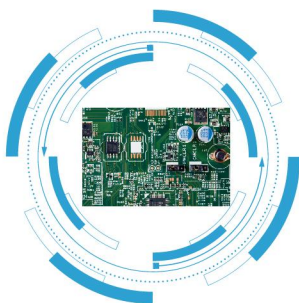
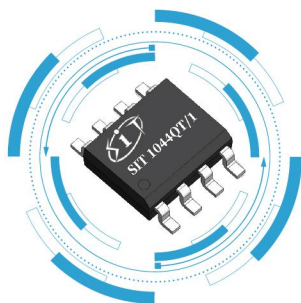
上海三菱电梯
SHANGHAI MITSUBISHI ELEVATOR

UNITREE

SANY

NARI
国电南瑞
NARI-TECH

MEGMEET
麦格米特



湖南：湖南省长沙高新开发区尖山路39号中电软件园总部大楼

上海：上海市浦东新区豪威科技园区上科路88号

深圳：深圳市南山区科技园高新南七道1号粤美特大厦24楼

业务：15074991500(华东区), 13647318510(华南区), 13600008459(北西区)

服务：service@sitcores.com

官网：http://www.sitcores.com