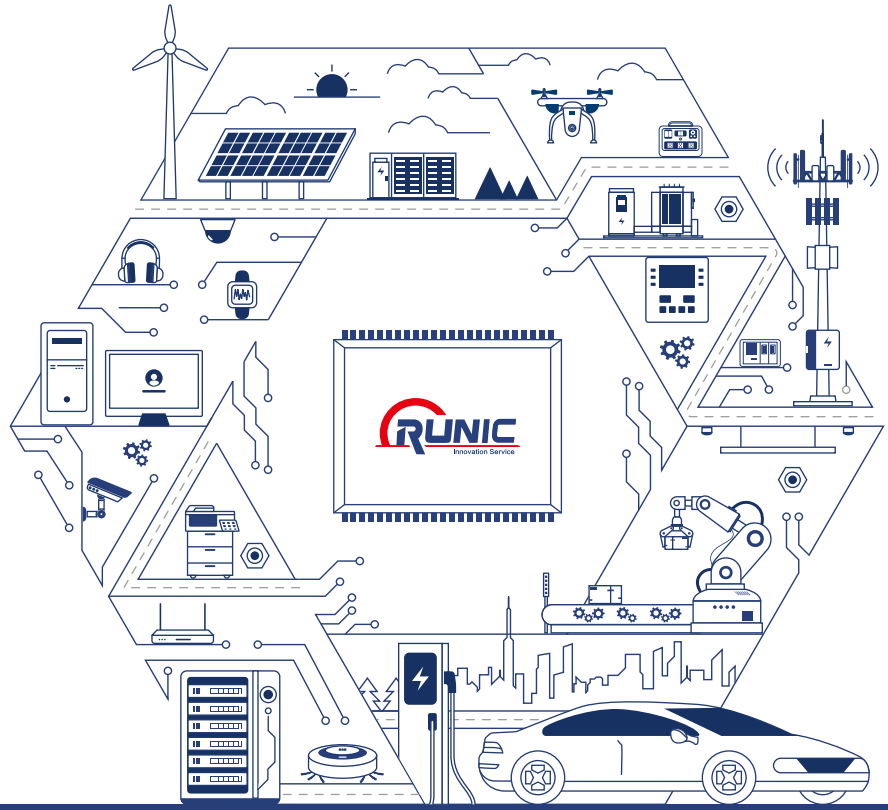
专注模拟技术
Focus on Analog Technology

产品选型手册
PRODUCT SELECTION GUIDE

2026.10



江苏润石科技有限公司
Jiangsu Runic Technology Co.,Ltd.



公司介绍

Company profile

江苏润石科技有限公司是一家专注于高性能、高品质模拟/混合信号集成电路研发和销售的高科技半导体设计公司。

公司主要产品线分为两类：信号链和电源管理，其中信号链包含运算放大器、比较器、模拟开关、数据转换器、电平转换、电压基准源、逻辑器件；电源管理包含线性稳压器、DC/DC、负载开关、复位及马达驱动。产品广泛用于汽车电子、新能源、工业控制、消费类电子、医疗设备、安防监控、仪器仪表、智能家居以及信创等应用领域。

公司总部位于江苏省无锡市，扎根本土，服务全球。公司依托无锡市良好的集成电路产业环境，整合上下游优势资源，致力于汽车电子、新能源、工业控制、消费类电子、物联传感和医疗电子等领域的模拟芯片产品的研发设计，目前已完成多个门类的芯片设计和开发；同时积极布局新能源汽车领域，全力推进国产车规级模拟芯片的研发和生产，并通过车用IC可靠度 AEC-Q100 认证，以及ISO26262功能安全管理体系认证！

公司在深圳设立全球销售和技术服务中心，在国内的北京、上海、天津、郑州、杭州、成都、武汉、合肥、青岛，中国台湾以及海外的韩国首尔等均地均有驻地人员就近提供全方位的服务。通过几年的耕耘，逐渐形成了较为成熟的国内外市场销售体系和健全完善的售前、售中、售后技术服务体系，拥有众多国内外行业标杆企业客户。同时也建立了快速的响应机制，及时了解客户需求、市场前景和行业趋势。

江苏润石始终坚持 “自主创新，品质至上，团结协作，成就客户” 为公司的核心价值，不断地推出具备更强竞争力和良好市场前景的模拟/混合信号芯片产品，携手客户共同发展，共创辉煌，让润石芯跳动在电子产品世界的每个角落，矢志成为全球一流的模拟芯片公司！

Runic Technology is a fast-growing, innovative semiconductor design and manufacture company that focus on general purpose and high-performance analog and mixed-signal ICs.

Our product portfolio includes op-amps, comparators, analog switches, data converters, level shifters, little logic ICs, voltage references, LDOs, DC/DCs, load switches, reset ICs. These products are widely used in various industries, such as consumer electronics, computing, communications, industrial, and automotive markets.

In order to deliver high quality and reliable analog ICs, especially automotive grade products, we have been working with manufacturing and assembly facilities that have achieved certifications in the internationally recognized standards of ISO 9001:2015, ISO 14001:2015, and, for automotive products, IATF 16949:2016.

Runic Technology's headquarter is located in Wuxi, China. We have global sales offices in South Korea and Taiwan and distribution partners in Europe and Americas.

Our Goal is to become a world-class analog IC supplier and bring our IC to serve worldwide customers.

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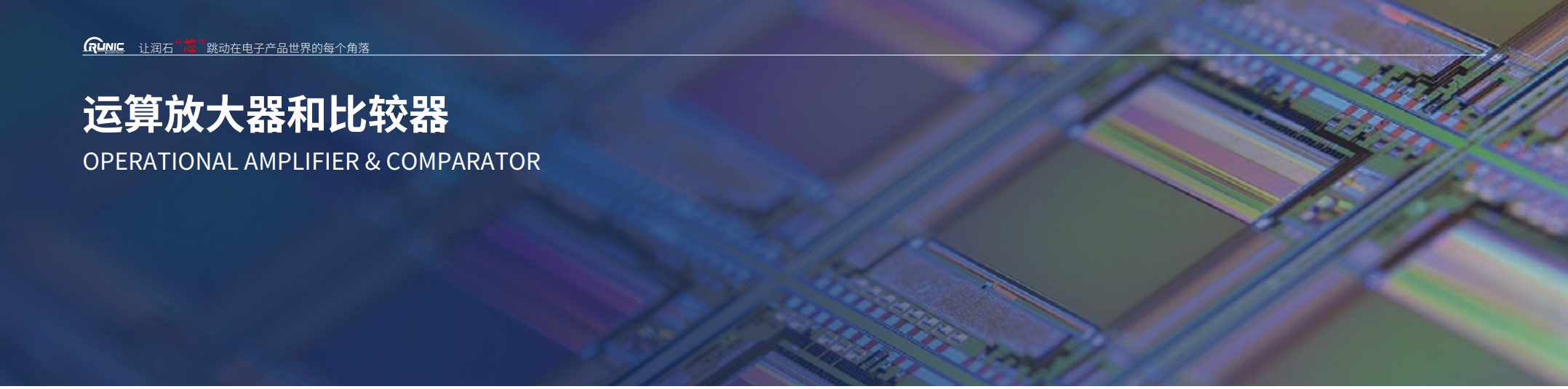
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运算放大器和比较器

OPERATIONAL AMPLIFIER & COMPARATOR

精密运算放大器

Precision Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (μV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	Enoise 0.01Hz~10Hz (μVpp)	Enoise Typ@1kHz (nV/√Hz)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	AOL Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Operating Temperature Range (°C)	Package
RS8055	1	35	0.1	30	8.5	340	1.8~5.5	0.008	0.0035	0.0007	110	115	In,Out	-40 to 125	SOT23-5,SC70-5
RS8056	2	35	0.1	30	8.5	340	1.8~5.5	0.008	0.0035	0.0007	110	115	In,Out	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS8491	1	400	5.0	0.05	5.0	16	5~25	3.3	2.1	1.00	130	102	Out	-40 to 125	SOP8
RS8501	1	15	0.2	80	2	/	1.8~5.5	0.11	0.045	0.009	125	120	In,Out	-40 to 125	SOT23-5,SC70-5
RS8502	2	15	0.2	80	2	/	1.8~5.5	0.11	0.045	0.009	125	120	In,Out	-40 to 125	SOP8,MSOP8
RS8504	4	15	0.2	80	2	/	1.8~5.5	0.11	0.045	0.009	125	120	In,Out	-40 to 125	SOP14,TSSOP14
RS8531	1	15	0.1	100	0.15	5.5	2.5~5.5	3.7	0.7	1.5	140	125	In,Out	-40 to 125	SOT23-5,MSOP8
RS8532	2	15	0.1	100	0.15	5.5	2.5~5.5	3.7	0.7	1.5	140	125	In,Out	-40 to 125	SOP8,MSOP8
RS8538	1	5	0.005	50	1.3	60	2.5~5.5	1.6	0.7	0.18	130	130	In,Out	-40 to 125	SOP8,SOT23-5
RS8539	2	5	0.005	50	1.3	60	2.5~5.5	1.6	0.7	0.18	130	130	In,Out	-40 to 125	SOP8,MSOP8
RS8541	1	30	0.08	330	0.9	45	2.0~5.5	0.35	0.16	0.04	130	120	In,Out	-40 to 125	SOT23-5
RS8542	2	30	0.08	330	0.9	45	2.0~5.5	0.35	0.16	0.04	130	120	In,Out	-40 to 125	SOP8

精密运算放大器
Precision Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25℃ (μV)	TC of Vos Typ (μV/℃)	IB Typ (pA)	Enoise 0.01Hz~10Hz (μVpp)	Enoise Typ@1kHz (nV/√Hz)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	AOL Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Operating Temperature Range (℃)	Package
RS8541A	1	15	0.1	100	1.1	50	1.8~5.5	0.35	0.15	0.02	130	120	In,Out	-40 to 125	SOT23-5,SC70-5
RS8542A	2	15	0.1	100	1.1	50	1.8~5.5	0.35	0.15	0.02	130	120	In,Out	-40 to 125	SOP8,MSOP8
RS8544A	4	15	0.1	100	1.1	50	1.8~5.5	0.35	0.15	0.02	130	120	In,Out	-40 to 125	SOP14,TSSOP14
RS8547	1	5	0.1	100	0.55	25	2.5~5.5	2.4	1.4	0.5	130	125	In,Out	-40 to 125	SOT23-5
RS8548	2	5	0.1	100	0.55	25	2.5~5.5	2.4	1.4	0.5	130	125	In,Out	-40 to 125	SOP8,MSOP8
RS8551	1	5	0.005	50	0.75	35	2.7~5.5	4.5	2.7	0.64	130	130	In,Out	-40 to 125	SOP8,MSOP8,SOT23-5
RS8552	2	5	0.005	50	0.75	35	2.7~5.5	4.5	2.7	0.64	130	130	In,Out	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS8554	4	5	0.005	50	0.75	35	2.7~5.5	4.5	2.7	0.64	130	130	In,Out	-40 to 125	SOP14,TSSOP14
RS8557	1	20	0.03	50	0.93	45	2.7~5.5	4.3	2.5	0.65	120	120	In,Out	-40 to 125	SOP8,SOT23-5
RS8558	2	20	0.03	50	0.93	45	2.7~5.5	4.3	2.5	0.65	120	120	In,Out	-40 to 125	SOP8,MSOP8
RS8559	4	20	0.03	50	0.93	45	2.7~5.5	4.3	2.5	0.65	120	120	In,Out	-40 to 125	SOP14,TSSOP14
RS8561	1	20	0.1	100	0.48	32	2.9~5.5	11	8.5	1.3	120	120	In,Out	-40 to 125	SOP8,SOT23-5
RS8562	2	20	0.1	100	0.48	32	2.9~5.5	11	8.5	1.3	120	120	In,Out	-40 to 125	SOP8,MSOP8
RS8564	4	20	0.1	100	0.48	32	2.9~5.5	11	8.5	1.3	120	120	In,Out	-40 to 125	SOP14,TSSOP14
RS8621	1	400	5	10	4.3	14	5~32	2	1.2	1	150	115	Out	-40 to 125	SOP8
RS8622	2	400	5	10	4.3	14	5~32	2	1.2	1	150	115	Out	-40 to 125	SOP8
RS8651	1	50	0.1	100	0.6	30	3.3~32	2	1	0.9	130	120	Out	-40 to 85	SOP8
RS8652	2	50	0.15	100	0.6	30	3.3~32	2	1	0.9	130	120	Out	-40 to 125	SOP8,MSOP8
RS8654	4	50	0.15	100	0.6	30	3.3~32	2	1	1	130	120	Out	-40 to 125	SOP14
RS8661	1	25	0.1	300	0.2	8	4.5~36	11	15	2	150	150	Out	-40 to 125	SOT23-5,SOP8
RS8662	2	25	0.1	300	0.2	8	4.5~36	11	15	2	150	150	Out	-40 to 125	SOP8,MSOP8
RS8664	4	25	0.1	300	0.2	8	4.5~36	11	15	2	150	150	Out	-40 to 125	SOP14

精密运算放大器
Precision Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25℃ (μV)	TC of Vos Typ (μV/℃)	IB Typ (pA)	Enoise 0.01Hz~10Hz (μVpp)	Enoise Typ@1kHz (nV/√Hz)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	AOL Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Operating Temperature Range (℃)	Package
RS8681	1	10	0.1	100	0.25	8	3.2~40	10	11	1.7	150	150	Out	-40 to 125	SOT23-5,SOP8
RS8682	2	10	0.1	100	0.25	8	3.2~40	10	11	1.7	150	150	Out	-40 to 125	SOP8,MSOP8
RS8684	4	10	0.1	100	0.25	8	3.2~40	10	11	1.7	150	150	Out	-40 to 125	SOP14,TSSOP14
RS07	1	60	0.3	10	4	12	4.5~36	2.5	1.5	1.2	140	120	Out	-40 to 125	SOP8
RS07-2	2	60	0.3	10	4	12	4.5~36	2.5	1.5	1.2	140	120	Out	-40 to 125	SOP8
RSOP07-1	1	20	0.25	50	0.45	20	3.2-40	2.0	1.5	0.92	140	140	Out	-40 to 125	SOT23-5,SOP8
RSOP07-2	2	20	0.25	50	0.45	20	3.2-40	2.0	1.5	0.92	140	140	Out	-40 to 125	SOP8,MSOP8
RSOP17-1	1	20	0.1	50	0.26	8	3.2-40	4.0	5	2.00	140	140	Out	-40 to 125	SOT23-5,SOP8
RSOP17-2	2	20	0.1	50	0.26	8	3.2-40	4.0	5	2.00	140	140	Out	-40 to 125	SOP8,MSOP8

通用运算放大器
General Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (mV)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enosie Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
LM2904	2	2.5	0.65	3.0~36	1.2	0.5	In	8.0	38	15000	110	100	100	—	-40 to 125	SOP8,MSOP8,TSSOP8
LM321B	1	2.5	0.435	3.0~36	1.0	0.4	In	5.4	31	28000	120	115	97	—	-40 to 125	SOT23-5
LM358A	2	2.5	0.65	3.0~36	1.2	0.5	In	8.0	38	15000	105	95	95	—	-40 to 125	SOP8,TSSOP8
LM358B	2	2.5	0.42	3.0~36	1.0	0.4	In	5.4	31	24000	120	115	103	—	-40 to 125	SOP8,TSSOP8
LM324B	4	2.5	0.4	3.0~36	1.0	0.4	In	5.4	31	24000	120	115	103	—	-40 to 125	SOP14,TSSOP14
LMV841 *	1	1.0	0.55	2.7~20	6.0	8.0	In,Out	1.5	20	10	130	113	100	Low THD+N	-40 to 125	SOT23-5
LMV842 *	2	1.0	0.55	2.7~20	6.0	8.0	In,Out	1.5	20	10	130	113	100	Low THD+N	-40 to 125	SOP8,MSOP8
LMV844	4	1.0	0.55	2.7~20	6.0	8.0	In,Out	1.5	20	10	130	113	100	Low THD+N	-40 to 125	SOP14,TSSOP14
RS121	1	5	0.012	2.5~5.5	0.15	0.05	In,Out	/	77	1	110	95	95	—	-40 to 125	SOT23-5
RS121P	1	0.6	0.0076	2.6~5.5	0.1	0.04	In,Out	2.5	98	1	104	76	80	—	-40 to 125	SOT23-5,SC70-5
RS122	2	5	0.012	2.5~5.5	0.15	0.05	In,Out	/	77	1	110	95	95	—	-40 to 125	SOP8,MSOP8
RS124	4	5	0.012	2.5~5.5	0.15	0.05	In,Out	/	77	1	110	95	95	—	-40 to 125	SOP14,TSSOP14
RS221	1	3.5	0.026	2.5~5.5	0.5	0.18	In,Out	2.9	30	1	110	90	90	—	-40 to 125	SOT23-5
RS222	2	3.5	0.026	2.5~5.5	0.5	0.18	In,Out	2.9	30	1	110	90	90	—	-40 to 125	SOP8,MSOP8
RS224	4	3.5	0.026	2.5~5.5	0.5	0.18	In,Out	2.9	30	1	110	90	90	—	-40 to 125	SOP14,TSSOP14
RS321BK	1	4.5	0.085	2.5~5.5	1.0	0.45	In,Out	2.0	22	10	100	75	85	—	-40 to 125	SC70-5, SOT23-5
RS321F	1	2.0	0.07	2.5~5.5	1.2	0.6	In,Out	1.0	53	10	120	100	95	No Phase Reversal	-40 to 125	SOT23-5
RS321P	1	0.5	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	1	110	90	92	—	-40 to 125	SC70-5, SOT23-5
RS358A	2	4.5	0.06	2.5~5.5	1.1	0.5	In,Out	2.0	22	10	105	90	90	—	-40 to 125	SOP8,MSOP8
RS358F	2	2.0	0.07	2.5~5.5	1.2	0.6	In,Out	1.0	53	10	120	100	95	No Phase Reversal	-40 to 125	SOP8,MSOP8
RS324A	4	4.5	0.06	2.5~5.5	1.1	0.5	In,Out	2.0	22	10	105	90	90	—	-40 to 125	SOP14,TSSOP14
RS324F	4	2.0	0.07	2.5~5.5	1.2	0.6	In,Out	1.0	53	10	120	100	95	No Phase Reversal	-40 to 125	SOP14,TSSOP14

* 产品研发中 Under Development

通用运算放大器
General Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (mV)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enosie Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS6331E	1	0.8	0.0625	2.2~5.5	1.4	0.5	In,Out	1.0	47	1	122	92	93	High output current	-40 to 125	SOT23-5,SC70-5
RS6331P	1	0.5	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	10	120	92	95	—	-40 to 125	SOT23-5
RS6331BP	1	0.5	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	10	120	92	95	—	-40 to 125	SC70-5, SOT23-5
RS6331S	1	3.0	0.058	2.2~5.5	1.1	0.5	In,Out	2.0	22	1	110	90	90	Shutdown	-40 to 125	SOT23-6
RS6331K	1	3.0	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	1	110	92	95	—	-40 to 125	SOT23-5
RS6332E	2	0.8	0.0625	2.2~5.5	1.4	0.5	In,Out	1.0	47	1	122	92	93	High output current	-40 to 125	SOP8,MSOP8, TSSOP8,DFN2X2-8
RS6332P	2	0.5	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	10	120	92	95	—	-40 to 125	SOP8,MSOP8
RS6332XTDE8	2	3.0	0.0625	2.2~5.5	1.4	0.5	In,Out	1.0	/	1	122	92	93		-40 to 125	DFN2X2-8
RS6332PXH8	2	3.0	0.0625	2.2~5.5	1.4	0.5	In,Out	1.0	/	1	122	92	93		-40 to 125	SOT23-8
RS6334E	4	0.8	0.0625	2.2~5.5	1.4	0.5	In,Out	1.0	47	1	122	92	93	High output current	-40 to 125	SOP14,TSSOP14,QFN3X3-16
RS6334P	4	0.8	0.085	2.1~5.5	1.1	0.5	In,Out	2.0	22	10	120	92	95	—	-40 to 125	SOP14,TSSOP14
RS701	1	1.0	0.0078	1.8~5.5	0.22	0.1	In,Out	1.5	/	10	100	92	92	—	-40 to 125	SOT23-5,SC70-5
RS702	2	1.0	0.0078	1.8~5.5	0.22	0.1	In,Out	1.5	/	10	100	92	92	—	-40 to 125	SOP8,MSOP8
RS704	4	1.0	0.0078	1.8~5.5	0.22	0.1	In,Out	1.5	/	10	100	92	92	—	-40 to 125	SOP14,TSSOP14
RS751	1	1.0	0.38	1.8~5.5	6	20	In,Out	2.0	18	10	115	92	95	High slew rate	-40 to 125	SOT23-5
RS751S	1	1.0	0.38	1.8~5.5	6	20	In,Out	2.0	18	10	115	92	95	High slew rate	-40 to 125	SOT23-6
RS752	2	1.0	0.38	1.8~5.5	6	20	In,Out	2.0	18	10	115	92	95	High slew rate	-40 to 125	SOP8,MSOP8
RS752S	2	1.0	0.38	1.8~5.5	6	20	In,Out	2.0	18	10	115	92	95	High slew rate	-40 to 125	MSOP10,UQFN2X1.5-10
RS754	4	1.0	0.38	1.8~5.5	6	20	In,Out	2.0	18	10	115	92	95	High slew rate	-40 to 125	SOP14,TSSOP14
RS8411	1	4.0	0.15	3.0~36	1.2	0.67	Out	3.0	45	10	115	120	110	—	-40 to 125	SOT23-5
RS8412	2	4.0	0.15	3.0~36	1.2	0.67	Out	3.0	45	10	115	120	110	—	-40 to 125	SOP8,MSOP8
RS8414	4	4.0	0.15	3.0~36	1.2	0.67	Out	3.0	45	10	115	120	110	—	-40 to 125	SOP14,TSSOP14

通用运算放大器
General Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (mV)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enosie Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS8417	1	1.0	0.15	4~36	1.5	4.5	In,Out	1.0	34	20	135	120	120	RRIO,High slew rate	-40 to 125	SOT23-5
RS8418	2	1.0	0.15	4~36	1.5	4.5	In,Out	1.0	34	20	135	120	120	RRIO,High slew rate	-40 to 125	SOP8,MSOP8
RS8441	1	1.0	0.44	3.0~32	3.8	15	Out	2.0	30	10	120	120	120	High slew rate	-40 to 125	SOT23-5
RS8442	2	1.0	0.44	3.0~32	3.8	15	Out	2.0	30	10	120	120	120	High slew rate	-40 to 125	SOP8,MSOP8,TSSOP8
RS8444	4	1.0	0.44	3.0~32	3.8	15	Out	2.0	30	10	120	120	120	High slew rate	-40 to 125	SOP14,TSSOP14
RS8447	1	1.0	0.5	4~36	5	23	In,Out	2.0	22	500	130	115	120	High slew rate	-40 to 125	SOT23-5
RS8448	2	1.0	0.5	4~36	5	23	In,Out	2.0	22	500	130	115	120	High slew rate	-40 to 125	SOP8,MSOP8
RS8452	2	3.0	3.0	5~36	8	5	Out	5.0	35	10	100	110	110	—	-40 to 125	SOP8,MSOP8
RS8452P	2	1.5	3.0	5~36	8	5	Out	5.0	35	10	100	110	110	—	-40 to 125	SOP8
RS8454P	4	1.5	3.0	5~36	8	5	Out	5.0	35	10	100	110	110	—	-40 to 125	SOP14,TSSOP14
RS8461P	1	1.0	2.2	4.5~32	10.0	24.0	Out	3.4	40	10	124	101	110	High slew rate	-40 to 125	SOT23-5
RS8462P	2	1.0	2.2	4.5~32	10.0	24.0	Out	3.4	40	10	124	101	110	High slew rate	-40 to 125	SOP8
RS8464P	4	1.0	2.2	4.5~32	10.0	24.0	Out	3.4	40	10	124	101	110	High slew rate	-40 to 125	SOP14
RS8467	1	1.0	2.1	4~36	9	36	In,Out	2.0	20	40	130	115	115	High slew rate	-40 to 125	SOT23-5
RS8468	2	1.0	2.1	4~36	9	36	In,Out	2.0	20	40	130	115	115	High slew rate	-40 to 125	SOP8,MSOP8
RS8471	1	4.5	5.5	4.5~24	25	65	In,Out	6.0	45	100	130	90	68	High slew rate, High peak output current	-40 to 85	DFN3X3-8
RS8471A	1	8.0	1.8	4.5~20	30	65	In,Out	3.2	100	10	110	100	85	High slew rate, High peak output current	-40 to 85	DFN3X3-8
RS8474	4	8.0	2.13	5.0~20	35	80	In,Out	4.0	/	10	105	85	85	High slew rate, High peak output current	-40 to 85	ETSSOP14
OPA551	1	3.0	1.7	6.0~60	3	15	In Negative	4.0	22	250	126	120	102	200mA output current	-55 to 125	SOP8
OPA552	1	3.0	1.7	6.0~60	12	24	In Negative	4.0	22	250	126	120	102	200mA output current	-55 to 125	SOP8
OPA544	1	5.0	1.5	6.0~60	2	11	In Negative	4.0	37	15	103	110	111	Min 2A peak output current	-40 to 125	TO-220
OPA547	1	5.0	1.8	5.0~60	1.2	6	In Negative	5.0	60	15	125	120	118	Min 500mA output current	-40 to 125	TO-263

高速运算放大器
High-Speed Operational Amplifier

Part Number	Amplifiers per Package	GBW Typ (MHz)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Vos Max@25°C (mV)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enoise Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS8701	1	50	7	2.2~5.5	0.2	40	In,Out	1.6	4.4	50	124	107	100	Zero-Crossover	-40 to 125	SOT23-5
RS8702	2	50	7	2.2~5.5	0.2	40	In,Out	1.6	4.4	50	124	107	100	Zero-Crossover	-40 to 125	SOP8,MSOP8
RS8704	4	50	7	2.2~5.5	0.2	40	In,Out	1.6	4.4	50	124	107	100	Zero-Crossover	-40 to 125	SOP14
RS8761P	1	250	8.3	2.7~5.5	2	180	In,Out	10	6	3	105	80	80	—	-40 to 125	SOT23-5
RS8762P	2	250	8.3	2.7~5.5	2	180	In,Out	10	6	3	105	80	80	—	-40 to 125	SOP8,MSOP8 TSSOP8,DFN2X2-8
RS8764P	4	250	8.3	2.7~5.5	2	180	In,Out	10	6	3	105	80	80	—	-40 to 125	SOP14,TSSOP14

全差分放大器
Fully Differential Amplifier

Part Number	Amplifiers per Package	BW Typ (MHz)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Vos Max@25°C (mV)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Voltage Noise Typ (nV/√Hz)	IB Typ (μA)	Setting Time Typ (ns)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS8738	1	400	18	4.0~12	2.5	1100	/	8.0	5.0	2.5	17	109	81	Can set the common-mode output voltag	-40 to 125	SOP8,MSOP8

低噪声运算放大器
Low Noise Operational Amplifier

Part Number	Amplifiers per Package	Enoise Typ@1kHz (nV/√Hz)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Rail-to-Rail I/O	Vos Max@25°C (mV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS521	1	15	3.6	1.8	0.26	2.5~5.5	In,Out	3	2	1	110	86	87	—	-40 to 125	SOT23-5
RS522	2	15	3.6	1.8	0.26	2.5~5.5	In,Out	3	2	1	110	86	87	—	-40 to 125	SOP8,MSOP8
RS524	4	15	3.6	1.8	0.26	2.5~5.5	In,Out	3	2	1	110	86	87	—	-40 to 125	SOP14,TSSOP14
RS621XC5	1	11	7.0	3.7	0.7	2.4~5.5	In,Out	3	2	1	110	92	95	—	-40 to 125	SC70-5
RS621E	1	14	7.0	4.3	0.625	2.5~5.5	In,Out	3	2.3	1	127	90	94	High outpu current	-40 to 125	SOT23-5,SC70-5
RS621K	1	11	7.0	3.7	0.7	2.4~5.5	In,Out	3	2	1	110	92	95	—	-40 to 125	SOT23-5
RS621P	1	11	7.0	3.7	0.72	2.5~5.5	In,Out	0.5	2	1	110	96	96	—	-40 to 125	SOT23-5
RS622A	2	11	7.0	3.7	0.75	2.5~5.5	In,Out	3	2	1	106	93	92	High output current	-40 to 125	TSSOP8
RS622E	2	14	7.0	4.3	0.625	2.5~5.5	In,Out	3	2.3	1	127	90	94	High output current	-40 to 125	SOP8,MSOP8 TSSOP8,DFN2X2-8
RS622P	2	11	7.0	3.7	0.72	2.5~5.5	In,Out	0.5	2	1	110	96	96	—	-40 to 125	SOP8,MSOP8
RS624A	4	11	7.0	3.7	0.75	2.5~5.5	In,Out	3	2	1	106	93	92	High output current	-40 to 125	TSSOP14
RS624E	4	14	7.0	4.3	0.625	2.5~5.5	In,Out	3	2.3	1	127	90	94	High output current	-40 to 125	SOP14,TSSOP14 DFN3X2-14
RS624P	4	11	7.0	3.7	0.72	2.5~5.5	In,Out	0.5	2	1	110	96	96	—	-40 to 125	SOP14
RS721XC5	1	9.5	10	7.0	1.15	2.5~5.5	In,Out	3	2.6	1	110	90	90	—	-40 to 125	SC70-5
RS721P	1	9.5	10	6.0	1.1	2.5~5.5	In,Out	0.5	2.6	1	110	97	97	—	-40 to 125	SOT23-5,SC70-5
RS721S	1	9.5	10	7.0	1.15	2.5~5.5	In,Out	2.5	2.6	1	96	85	85	—	-40 to 125	SOT23-6
RS721E	1	15	13	8.0	1.15	2.7~5.5	In,Out	0.8	2.6	1	127	93	90	High output current	-40 to 125	SO23-5
RS722E	2	15	13	8.0	1.15	2.7~5.5	In,Out	0.8	2.6	1	127	93	90	High output current	-40 to 125	SOP8,MSOP8 TSSOP8,DFN2X2-8
RS722P	2	9.5	10	6.0	1.1	2.5~5.5	In,Out	0.5	2.6	1	110	97	97	—	-40 to 125	SOP8,MSOP8
RS724P	4	9.5	10	6.0	1.1	2.5~5.5	In,Out	0.8	2.6	1	110	97	97	—	-40 to 125	SOP14,TSSOP14
RS821P	1	9.0	14	10	1.6	2.7~5.5	In,Out	0.8	2	3	129	88	88	—	-40 to 125	SOT23-5
RS822P	2	9.0	14	10	1.6	2.7~5.5	In,Out	0.8	2	3	129	88	88	—	-40 to 125	SOP8,MSOP8

低噪声运算放大器
Low Noise Operational Amplifier

Part Number	Amplifiers per Package	Enoise Typ@1kHz (nV/√Hz)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Rail-to-Rail I/O	Vos Max@25°C (mV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS824P	4	9.0	14	10	1.6	2.7~5.5	In,Out	0.8	2	3	129	88	88	—	-40 to 125	SOP14,TSSOP14
RS8701	1	4.4	50	40	7.0	2.2~5.5	In,Out	0.2	1.6	50	124	107	100	Zero-Crossover	-40 to 125	SOT23-5
RS8702	2	4.4	50	40	7.0	2.2~5.5	In,Out	0.2	1.6	50	124	107	100	Zero-Crossover	-40 to 125	SOP8,MSOP8
RS8704	4	4.4	50	40	7.0	2.2~5.5	In,Out	0.2	1.6	50	124	107	100	Zero-Crossover	-40 to 125	SOP14

微功耗运算放大器
Micro Power Operational Amplifier

Part Number	Amplifiers per Package	Iq/Amp Typ (μA)	Total Supply Voltage (V)	GBW Typ (KHz)	Slew Rate Typ (V/ms)	Enoise Typ@1kHz (nV/√Hz)	Vos Max@25°C (mV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Additional Feature	Operating Temperature Range (°C)	Package
RS8021	1	0.4	1.4~5.5	5	1.5	360	3	2.3	1	106	70	90	In,Out	—	-40 to 125	SOT23-5
RS8031	1	0.8	1.4~5.5	15	7.5	160	4	2.3	1	106	70	90	In,Out	—	-40 to 125	SOT23-5
RS8032	2	0.8	1.4~5.5	15	7.5	160	4	2.3	1	106	70	90	In,Out	—	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS8034	4	0.8	1.4~5.5	15	7.5	160	4	2.3	1	106	70	90	In,Out	—	-40 to 125	SOP14,TSSOP14
RS8041	1	0.85	1.4~5.5	18	8	180	1	2.5	10	106	92	85	In,Out	—	-40 to 125	SOT23-5,SC70-5
RS8042	2	0.85	1.4~5.5	18	8	180	1	2.5	10	106	92	85	In,Out	—	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS8044	4	0.85	1.4~5.5	18	8	180	1	2.5	10	106	92	85	In,Out	—	-40 to 125	SOP14,TSSOP14
RS8051	1	0.67	1.4~5.5	100	30	160	5	2.3	1	85	70	75	In,Out	—	-40 to 125	SOT23-5
RS8052	2	0.67	1.4~5.5	100	30	160	5	2.3	1	85	70	75	In,Out	—	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS8054	4	0.67	1.4~5.5	100	30	160	5	2.3	1	85	70	75	In,Out	—	-40 to 125	SOP14
RS8055	1	0.70	1.8~5.5	8	3.5	340	0.035	0.1	30	110	110	115	In,Out	No Phase Reversal	-40 to 125	SOT23-5,SC70-5
RS8056	2	0.70	1.8~5.5	8	3.5	340	0.035	0.1	30	110	110	115	In,Out	No Phase Reversal	-40 to 125	SOP8,MSOP8,DFN2X2-8

仪表放大器
Instrumentation Amplifier

Part Number	Common Mode Voltage (V)	Supply Voltage (V)	Input Offset (+/-)(Max) (μV)	Input Offset Drift (+/-)(Typ) (μV/°C)	Gain (V/V)	Gain Error (Typ) (%)	Gain vs Temperature (Typ) (ppm/°C)	CMRR (Min) (dB)	Bandwidth at min Gain (kHz)	Slew Rate Typ @G=10 (V/μs)	Iq (Max) (mA)	Operating Temperature Range (°C)	Package
RS333	(V-)+0.1~(V+)-0.1	1.8~5.5	±25±75/G	±0.25±0.15/G	1~1000	0.05	25	80	125	0.03@G=100	0.13	-40 to 125	MSOP8
RS620	(V-)+0.1V ~ (V+)-1.5V	4.5~36	±50±80/G	±0.15±4/G	1~1000	0.1	15	90	1800	1.5	2.65	-40 to 125	SOP8
RS631B	(V-)+0.6V ~ (V+)-1.5V	4.6~32	150	10	10	0.21	18	90	900	1.1	4.5	-40 to 125	SOP8
RS633	(V-)+0.1~(V+)-0.1	2.3~5.5	15+150/G	1.5	10,20,50,100	0.15	15	95	150	0.21	0.28	-40 to 125	MSOP8

电流检测放大器
Current-sense Amplifier

Part Number	Common Mode Voltage (V)	Supply Voltage (V)	Input Offset (+/-)(Max) (mV)	Input Offset Drift (+/-)(Typ) (μV/°C)	Gain (V/V)	Gain Error (Max) (%)	Gain vs Temperature (Typ) (ppm/°C)	CMRR (Min) (dB)	Bandwidth at min Gain (kHz)	Slew Rate Typ @G=10 (V/μs)	Iq (Max) (mA)	Operating Temperature Range (°C)	Package
RSA168	2.7~70	2.7~70	0.6	15(Max)	20,50,100	/	/	100	950	/	0.007	-40 to 125	SOT23-5
RSA180 *	-6.0~42	2.3~5.5	0.03	0.2	25,50,100	0.1	7	120	350	2.0	0.28	-40 to 125	SOT23-5
RSA181 *	-6.0~42	2.3~5.5	0.03	0.2	25,50,100	0.1	/	120	350	2.0	0.28	-40 to 125	SOT23-6
RSA190	-6.0~42	2.3~5.5	0.03	0.2	25,50,100	0.1	7	120	160	0.7	0.09	-40 to 125	SC70-6
RSA193	-16~105	4.0~18	2.0	2.5	20,50,100	1.0	/	110	550	0.65	1.4	-40 to 125	SOT23-5
RS181	-0.1~30	3~5.5	0.13	0.5	20,50,100	1.0	4.5	95	400	2.0	0.28	-40 to 125	SOT23-6
RS199	0~26	2.7~26	0.35	2	50	1.5	10	85	25	0.12	0.13	-40 to 125	SC70-6
RS199XP	-0.1~28	2.7~28	0.12	0.3	50,100,200	0.5	4.5	100	60	0.5	0.17	-40 to 125	SC70-6,UQFN1.4X1.8-10
RSA240	-5.0~100	2.7~5.5	0.03	/	20,50,100	0.1	5	135	500	2.3	2.0	-40 to 125	TSSOP8,SOP8
RS299	4.5~76	4.5~76	0.8	/	20,50,60,100	0.8	/	105	135	/	0.18	-40 to 125	MSOP8
RSA4080	5.0~100	5.0~100	0.4	/	20,50,60,100	0.5	/	125	180	/	0.15	-40 to 125	SOP8
RSA4081	5.0~100	5.0~100	0.4	/	20,50,60,100	0.5	/	125	180	/	0.16	-40 to 125	SOP8
RSA44285	2.7~90	2.7~5.5	0.04	0.5	20,50,100	0.15	/	120	150	0.85	0.9	-40 to 125	MSOP8

微功耗比较器
Micro Power Comparator

Part Number	Number of Channels	Iq per channel (Typ) (nA)	Feature	Vcc (V)	Vos (@ 25°C) (Max) (mV)	Propagation Delay (L to H@ Overdrive = 100 mV) (µs)	Propagation Delay (H to L@ Overdrive = 100 mV) (µs)	TRise @Vcc=5V (ns)	TFall @Vcc=5V (ns)	Logic Output Type	Operating Temperature Range (°C)	Package
RS8901	1	400	N	1.4~5.5	3	21	9	240	260	Push-Pull	-40 to 125	SOT23-5,SC70-5
RS8905	2	400	N	1.4~5.5	3	21	9	240	260	Push-Pull	-40 to 125	SOP8,MSOP8
RS8907	1	400	N	1.4~5.5	3	21	9	240	260	Push-Pull	-40 to 125	SOT23-5,SC70-5
RS8912	1	4850	1.2V Ref Out	2.5~5.5	3.5	10	10	12000	12000	Push-Pull	-40 to 125	SOT23-6,DFN1.6X1.6-6

高速比较器
High Speed Comparator

Part Number	Comparators per Package	Iq/Comp Typ (µA)	Input Common Mode Voltage Range(V)	Vcc (V)	Vos Max@25°C (mV)	t , H to L @Vcc=5V pd(ns)	t , L to H @Vcc=5V pd(ns)	TRise @Vcc=5V (ns)	TFall @Vcc=5V (ns)	Logic Output	Operating Temperature Range (°C)	Package
RS8904	1	120	(V-)-0.1~(V+)+0.1	2.7~5.5	20	25	30	2	2	Push-Pull	-40 to 125	SOT23-5,SC70-5
RS8920	2	186	(V-) ~(V+)-1.5	2.8~36	3.5	40	—	/	10	Open-Drain	-40 to 125	SOP8,MSOP8
RS8931	1	2500	(V-)-0.2~(V+)+0.2	2.7~5.5	5	10	10	2.2	2.5	Push-Pull	-40 to 125	SOT23-5
RS8931S	1	2500	(V-)-0.2~(V+)+0.2	2.7~5.5	5	10	10	2.2	2.5	Push-Pull	-40 to 125	SOT23-6
RS8932	2	2500	(V-)-0.2~(V+)+0.2	2.7~5.5	5	10	10	2.2	2.5	Push-Pull	-40 to 125	SOP8,MSOP8
RS8940	1	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	SOT23-5
RS8942	2	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	SOP8,MSOP8
RS8944	4	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	SOP14,TSSOP14

* 产品研发中 Under Development

高速比较器
High Speed Comparator

Part Number	Comparators per Package	Iq/Comp Typ (μA)	Input Common Mode Voltage Range(V)	Vcc (V)	Vos Max@25°C (mV)	t , H to L @Vcc=5V pd(ns)	t , L to H @Vcc=5V pd(ns)	TRise @Vcc=5V (ns)	TFall @Vcc=5V (ns)	Logic Output	Operating Temperature Range (°C)	Package
RS8950	1	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	95	95	3	3	Push-Pull	-40 to 125	SOT23-5,SC70-5
RS8951	1	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	95	95	3	3	Push-Pull	-40 to 125	SOT23-5,SC70-5
RS8952	2	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	95	95	3	3	Push-Pull	-40 to 125	SOP8,MSOP8
RS8954	4	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	95	95	3	3	Push-Pull	-40 to 125	SOP14,TSSOP14
RS331	1	50	(V-)-0.1~(V+)+0.1	1.8~5.5	3.5	185	700	/	42	Open-Drain	-40 to 125	SOT23-5
RS393	2	50	(V-)-0.1~(V+)+0.1	1.8~5.5	3.5	185	700	/	42	Open-Drain	-40 to 125	SOP8,MSOP8
RS339	4	50	(V-)-0.1~(V+)+0.1	1.8~5.5	3.5	185	700	/	42	Open-Drain	-40 to 125	SOP14,TSSOP14
LM331	1	65	(V-)+0.5~(V+)-1.5	3.0~32	7.5	300	300	/	/	Open-Drain	-40 to 125	SOT23-5
LM393	2	20	(V-) ~(V+)-1.5	3.0~32	4.5	2000	6100	/	/	Open-Drain	-40 to 125	SOP8
LM2903	2	55	(V-) ~(V+)-1.5	3.3~32	3.5	500	1600	/	/	Open-Drain	-40 to 125	SOP8,MSOP8
LM2903V	2	190	(V-) ~(V+)-1.5	3.3~32	3.5	300	600	/	/	Open-Drain	-40 to 125	SOP8,MSOP8
LM2901	4	45	(V-) ~(V+)-1.5	3.3~32	4.5	400	800	/	/	Open-Drain	-40 to 125	SOP14,TSSOP14
LM2901V	4	190	(V-) ~(V+)-1.5	3.3~32	3.5	300	600	/	/	Open-Drain	-40 to 125	SOP14,TSSOP14



模拟开关
ANALOG SWITCHES

模拟开关
Analog Switches

Part Number	Channel	Type	R_{ON} (@5V) (Ω)	-3dB Bandwidth (MHz)	Vcc (Min) (V)	Vcc (Max) (V)	Iq (μA)	V_{INH}(Min) (@5V) (V)	V_{INL}(Max) (@5V) (V)	t_{ON} (@5V) (ns)	t_{OFF} (@5V) (ns)	Operating Temperature Range (°C)	Package
RS2056	1	1:2	0.9	100	1.65	5.5	1	2.0	1.0	11	7	-40 to 125	SC70-6,SOT23-6
RS2057	1	1:2	4.5	300	1.8	5.5	1	1.5	0.6	30	25	-40 to 125	SC70-6,SOT23-6
RS2057A	1	1:2	4.5	340	1.65	5.5	1	0.7Vcc	0.3Vcc	8	8	-40 to 125	SC70-6,SOT23-6
RS2058	2	1:2	4.5	300	1.8	5.5	1	1.5	0.6	30	25	-40 to 125	MSOP10,UQFN1.4X1.8-10
RS2099	4	1:2	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	QFN3X3-16,TSSOP16
RS2101	1	1:2	3.0	120	1.8	5.5	1	1.5	0.6	29	17	-40 to 125	SC70-6
RS2102	2	1:2	3.0	120	1.8	5.5	1	1.5	0.6	29	17	-40 to 125	MSOP10
RS2103	1	1:2	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	SC70-6,SOT23-6,MSOP8
RS2105	2	1:2	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	MSOP10,DFN3X3-10
RS2117H	2	1:2	4	250	2.5	5.5	1	1.5	0.5	25	20	-40 to 85	UQFN1.4X1.8-10,MSOP10
RS2118H	2	1:2	0.8	80	2.5	5.5	1	1.5	0.5	33	54	-40 to 85	UQFN1.4X1.8-10
RS2166	1	1:1	4.5	300	1.8	5.5	1	1.5	0.6	30	25	-40 to 125	SOT23-5, SC70-5,SOT-553

模拟开关
Analog Switches

Part Number	Channel	Type	R_{ON} (@5V) (Ω)	-3dB Bandwidth (MHz)	Vcc (Min) (V)	Vcc (Max) (V)	Iq (μA)	V_{INH}(Min) (@5V) (V)	V_{INL}(Max) (@5V) (V)	t_{ON} (@5V) (ns)	t_{OFF} (@5V) (ns)	Operating Temperature Range (°C)	Package
RS2227A	2	1:2	6	720	1.8	5.5	1	1.7	0.7	15	5	-40 to 85	MSOP10,UQFN1.4X1.8-10
RS2228A	2	1:2	6	720	1.8	5.5	1	1.7	0.7	15	5	-40 to 85	UQFN1.4X1.8-10,MSOP10
RS2229	2	1:2	6	550	1.8	5.5	1	1.6	0.4	50	40	-40 to 85	UQFN2.0X1.5-10
RS2233	4	1:2	8	220	1.8	5.5	1	2.0	0.5	13	30	-40 to 125	TSSOP16,SOP16,SSOP16
RS2233A *	4	1:2	8	400	1.65	3.6	1	2.0 @3.3V	0.8 @3.3V	8	8	-40 to 125	TSSOP16,UQFN-2.6*1.8-16
RS2236	6	1:2	5@3.0V	420	1.65	3.6	3	1.6@3.3V	0.6@3.3V	9.5 @3.3V	5.0 @3.3V	-40 to 125	TSSOP24,QFN4X4-24
RS2237 *	2	1:2	1.3/5	690	2.7	5.5	26	1.8	0.4	11.5ms	10.5μs	-40 to 85	UQFN1.4X1.8-10
RS2251	1	1:8	48	180	2.5	5.5	3	1.7	0.5	65	80	-40 to 125	SOP16,TSSOP16,QFN3X3-16
RS2251F	1	1:8	53	200	2.5	5.5	3	1.8	0.7	70	100	-40 to 125	SOP16,TSSOP16,QFN3X3-16
RS2252	2	1:4	48	180	2.5	5.5	1	1.7	0.5	70	80	-40 to 125	SOP16,TSSOP16,QFN3X3-16
RS2252F	2	1:4	53	200	2.5	5.5	3	1.8	0.7	70	100	-40 to 125	SOP16,SSOP16,TSSOP16, QFN3X3-16
RS2253	3	1:2	48	180	2.5	5.5	1	1.7	0.5	90	70	-40 to 125	SOP16,SSOP16,TSSOP16, QFN3X3-16
RS2254	4	1:1	24	180	2.5	5.5	1	1.7	0.5	90	70	-40 to 125	TSSOP14,SOP14
RS2255	1	1:4	24	180	2.5	5.5	1	1.7	0.5	90	70	-40 to 125	MSOP10
RS2257	1	1:2	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	SC70-6,SOT23-6
RS2259	4	1:1	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	TSSOP16
RS2259B	4	1:1	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	TSSOP16
RS2260	1	1:8	105	150	2.0	6.0	2	3.5	1.5	14.5	121.5	-40 to 125	SOP16,TSSOP16,QFN2.5X3.5-16
RS2266	2	1:1	4.5	300	1.8	5.5	1	1.5	0.6	30	25	-40 to 125	DFN2x3-8,MSOP8
RS2268	4	1:1	4.5	300	1.8	5.5	4	1.5	0.6	30	25	-40 to 125	TSSOP14,SSOP16
RS2268A	4	1:2	4.5	340	1.65	5.5	1	0.7Vcc	0.3Vcc	8	8	-40 to 125	QFN2.5X3-14
RS2274	2	1:4	6@3.3V	550	2.5	4.4	8	1	0.35	200μs	92	-40 to 125	UQFN2.6X1.8-16

* 产品研发中 Under Development

模拟开关
Analog Switches

Part Number	Channel	Type	R_{ON} (@5V) (Ω)	-3dB Bandwidth (MHz)	Vcc (Min) (V)	Vcc (Max) (V)	Iq (μA)	V_{INH}(Min) (@5V) (V)	V_{INL}(Max) (@5V) (V)	t_{ON} (@5V) (ns)	t_{OFF} (@5V) (ns)	Operating Temperature Range (°C)	Package
RS2299	4	1:2	4.5	300	1.8	5.5	1	1.5	0.6	30	25	-40 to 125	QFN3X3-16
RS2323	2	1:2	0.6	30	1.8	5.5	1	1.5	0.6	50	15	-40 to 125	UQFN1.4X1.8-10
RMUX1308	1	1:8	85	180	1.6	5.5	1	1.4	0.9	33	33	-40 to 125	TSSOP16,QFN3.5X2.5-16
RMUX1309	2	1:4	95	220	1.6	5.5	1	1.4	0.9	35	35	-40 to 125	TSSOP16,QFN3.5X2.5-16

特殊开关系列
Specialty Switches

Part Number	Channel	Type	R_{ON} (@5V) (Ω)	-3dB Bandwidth (MHz)	Vcc (ON) (V)	Vcc (OFF) (V)	Iq Typ (μA)	V_{INH} (Min) (V)	V_{INL} (Max) (V)	t_{ON} (@1.6V) (ns)	t_{OFF} (@1.6V) (μs)	Operating Temperature Range (°C)	Package
RS550A	4	1:1	0.63	250	0~0.2	1.6~3.0	65	0.8*Vcc	0.2*Vcc	310	75	-40 to 85	WLCSP12,QFNWB3X3-16
RS553	2	1:1	0.5	200	0~0.2	1.5~3.0	30	1.2	0.5	1300	100	-40 to 85	WLCSP9,DFN3X3-8

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接口芯片
INTERFACE



RS-485 & RS-232
RS-485 & RS-232

Part Number	Type	Drivers Per Package	Receivers Per Package	Vcc (Min) (V)	Vcc (Max) (V)	Date Rate (Max) (Mbps)	ICC (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
RS1905S	RS-485	1	1	3	5.5	0.5	0.9	20	6	-40 to 125	SOP8
RS1920S	RS-485	1	1	3	5.5	20	0.9	20	6	-40 to 125	SOP8, DFN3X3-8

CAN收发器
CAN Transceivers

Part Number	Type	Drivers Per Package	Receivers Per Package	Vcc (V)	VIO (V)	Date Rate (Max) (Mbps)	ICC (mA)	Bus Fault Voltage (V)	ESD HBM (kV)	Operating Temperature Range (°C)	Package
RS1042	CAN	1	1	4.5~5.5	3~5.5	5	40	-70~70	/	-40 to 125	SOP8

GPIO/I2C 扩展/缓冲器
GPIO/I2C Expander/Buffer

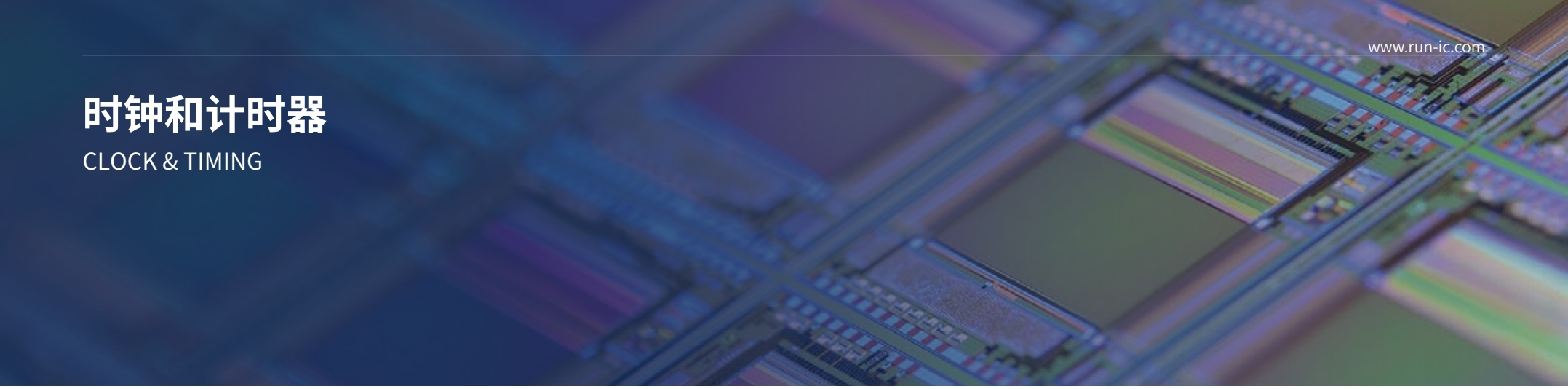
Part Number	Function	Interface	Feature	Vcc (Min) (V)	Vcc (Max) (V)	I2C Rate (Max) (kbps)	ICC (mA)	ESD HBM (kV)	ESD CDM (kV)	Operating Temperature Range (°C)	Package
RS29511	I2C Bus and SMBus Buffer	I2C and SMBus	hot-swappable buffer	2.3	5.5	400	2.0	4.0	1	-40 to 125	MSOP8
RS29535	GPIO Expander	I2C and SMBus	Interrupt Output	1.65	5.5	400	0.075	2.0	1	-40 to 125	TSSOP24,QFN4X4-24
RS29539	GPIO Expander	I2C and SMBus	Interrupt Output/Reset	1.65	5.5	400	0.075	2.0	1	-40 to 125	TSSOP24,QFN4X4-24
RS29548	I2C Expander	I2C and SMBus	Reset	1.65	5.5	400	0.05	4.0	1	-40 to 125	TSSOP24
RS29555	GPIO Expander	I2C and SMBus	Interrupt Output/Cofi	1.65	5.5	400	0.075	2.0	1	-40 to 125	TSSOP24,QFN4X4-24

LVDS/M-LVDS & PECL
LVDS/M-LVDS & PECL

Part Number	Function	Vcc (Min) (V)	Vcc (Max) (V)	Iq (Typ) (mA)	Output Frequency (Max) (MHz)	Output Current (Source) (mA)	Differential Propagation Delay (Max) (ns)	Differential Pulse Skew (Max) (ns)	Output Type	Operating Temperature Range (°C)	Package
RS90LV010	B-LVDS Single Channel Transceiver	3	5.5	17	50	10	2.5	0.1	CMOS/TTL	-40 to 125	SOP8
RS90LV011	LVDS Differential Driver	3	3.6	4.5	250	4.5	1.5	0.7	Differential	-40 to 85	SOT23-5
RS90LV012	LVDS Differential Line Receiver	2.7	3.6	4.2	250	50	3.5	0.4	TTL	-40 to 85	SOT23-5
RS90LV047	LVDS Differential Line Driver	3	3.6	3.8	250	4.4	1.26	0.375	LVDS	-40 to 85	TSSOP16
RS90LV048	LVDS Differential Line Receiver	3	3.6	16	250	44.3	2.7	0.4	LVTTL, TTL	-40 to 85	TSSOP16
RS90LV049	LVDS Differential Line Transceiver	3	3.6	23.6	250	7.85	3.5	0.5	LVTTL, LVCMOS	-40 to 85	TSSOP16
RS90M204	M-LVDS Single Channel Transceiver	3	3.6	24	100	17	3.2	0.15	Differential	-40 to 125	SOP8
RS91M040	M-LVDS Single Channel Transceiver	3	3.6	62	125	17	3.1	0.1	LVCMOS	-40 to 125	QFN5X5-32

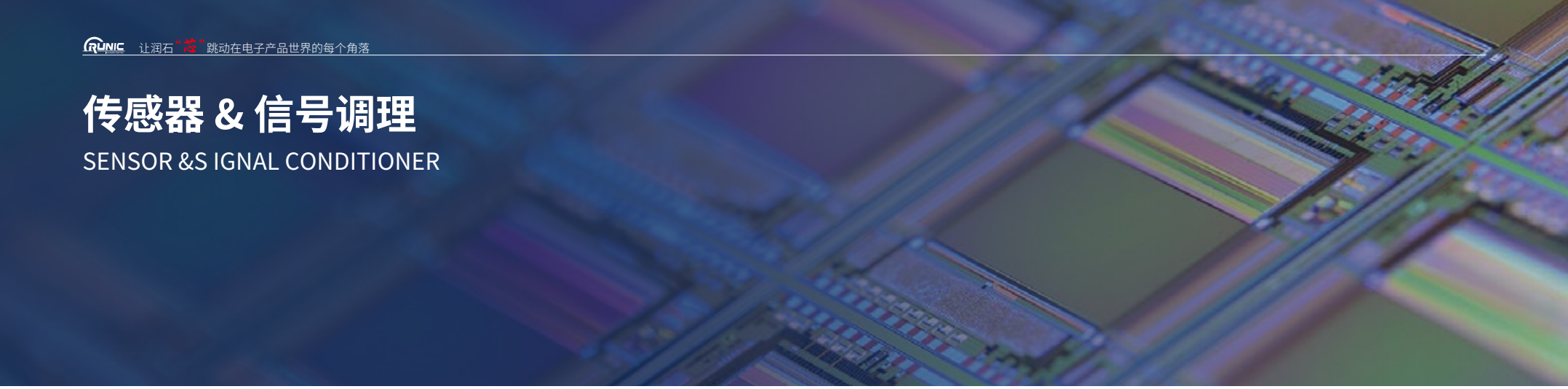
* 产品研发中 Under Development

时钟和计时器
CLOCK & TIMING



时钟和计时器
Clock & Timing

Part Number	Function	Vcc (Min) (V)	Vcc (Max) (V)	Iq (Typ) (mA)	Output Frequency (Max) (MHz)	Output Current (Source) (mA)	Output Current (Sink) (mA)	Output Type	Operating Temperature Range (°C)	Package
RS555	General-purpose timer	4.5	16	0.24	6	10	100	CMOS	-40 to 125	SOP8,MSOP8
RS555A	General-purpose timer	4.5	16	0.08	2.8	10	100	CMOS	-40 to 125	SOP8,MSOP8
RS9112C	LVCMOS Clock Buffer	2.5/3.3	2.5/3.3	1.5/3.5	180/250	8/12	8/12	LVCMOS	-40 to 125	TSSOP8
RS9113C	LVCMOS Clock Buffer	2.5/3.3	2.5/3.3	1.5/3.5	180/250	8/12	8/12	LVCMOS	-40 to 125	TSSOP8
RS9114C	LVCMOS Clock Buffer	2.5/3.3	2.5/3.3	1.5/3.5	180/250	8/12	8/12	LVCMOS	-40 to 125	TSSOP8,DFN2X2-8



传感器 & 信号调理

SENSOR &S IGNAL CONDITIONER

温度传感器

Temperature Sensor

Part Number	Type	Vcc (Min) (V)	Vcc (Max) (V)	Average ICC (μA)	Shutdown current (μA)	Temperature Error (°C)	Operating Temperature Range (°C)	Package
RS831 *	Local	1.4	5.5	3.2	0.9	2	-40~125°C	SOP8/MSOP8
RS832 *	Local	1.4	5.5	3.2	0.9	1	-40~125°C	SOT563
RS835 *	Local	1.4	5.5	3.2	0.9	0.5	-40~125°C	DFN2X2-6,SOT563

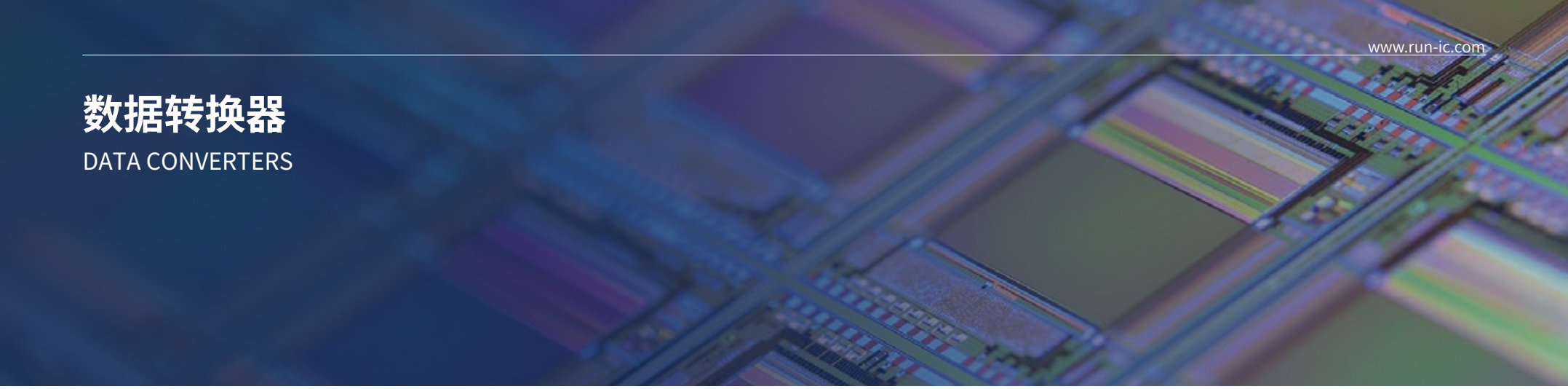
信号调理

Signal Conditioner

Part Number	Vcc (Min) (V)	Vcc (Max) (V)	Offset Voltage Drift (μV/°C)	Offset Voltage (mV)	Nonlinearity (Max)	Output Current (mA)	Operating Temperature Range (°C)	Package
RS111	6	44	2.6	1	0.05%	0~32	-40~125°C	EMSOP10

* 产品研发中 Under Development

数据转换器
DATA CONVERTERS



模数转换器 — ADC
Analog-Digital Converter - ADC

Part Number	Architecture	Resolution (Bits)	Sample Rate (max) (SPS)	Input Channels	Reference	Interface	Analog Voltage AVDD (V)	Operating IQ (mA)	INL (LSB)	DNL (LSB)	Operating Temperature Range (°C)	Description	Package
RS1461	SAR	12	1M	1	Internal	SPI	2.7~5.25	1.5	0.6	0.6	-40 to 125	12-Bit ,1MSPS ,1-Ch SAR ADC	SOT23-6
RS1461LP	SAR	12	1M	1	Internal	SPI	1.65~3.6	0.24	1.2	-0.9/1.1	-40 to 125	12-Bit ,1MSPS ,1-Ch SAR ADC, Ultra-Low Power	VSSOP8
RS1467	SAR	12	1M	16	External	SPI	2.7~5.25	2.4	0.5	0.3	-40 to 125	12-Bit ,1MSPS ,16-Ch SAR ADC	TSSOP38
RS1472	SAR	14	2M	2	External	SPI	2.7~5.25	3.6	0.8	0.6	-40 to 125	14-Bit ,2MSPS , 2-Ch Differential Input SAR ADC	QFN3x3-16
RS1473	SAR	14	2M	2	External	SPI	2.7~5.25	3.6	1.2	0.5	-40 to 125	14-Bit ,2MSPS , 2-Ch Single-ended Input SAR ADC	QFN3x3-16
RS1430A	SAR	16	400k	1	External	SPI	2.7~5.5	2.4	1.5	1.5	-40 to 125	16-Bit ,400kSPS ,1-Ch SAR ADC, No pipeline delay	MSOP8
RS1430B	SAR	16	400k	1	External	SPI	2.7~5.5	2.6	2	0.5	-40 to 125	16-Bit ,400kSPS ,1-Ch SAR ADC, With pipeline delay	MSOP8
RS1432	SAR	16	1M	2	Internal/External	SPI	~5.5	10	1.7	0.7	-40 to 125	16-Bit ,1MSPS , 2-Ch Differential Input SAR ADC	TSSOP16
RS1433	SAR	16	1M	2	Internal/External	SPI	~5.5	10	1.8	0.6	-40 to 125	16-Bit ,1MSPS , 2-Ch Single-ended/Pseudo Differential Input	TSSOP16
RS1434	SAR	16	250K	4	Internal/External	SPI	2.3~5.5	2.92	1.5	0.4	-40 to 125	16-Bit ,250kSPS ,4-Ch SAR ADC	QFN4X4-20
RS1438	SAR	16	250K	8	Internal/External	SPI	2.3~5.5	2.92	1.5	0.4	-40 to 125	16-Bit ,250kSPS ,8-Ch SAR ADC	QFN4X4-20
RS1488	SAR	16	500K	8	Internal/External	SPI	4.5~5.5	4.0/5.0	2.0	0.5	-40 to 125	16-Bit ,500kSPS ,8-Ch SAR ADC	QFN4X4-20
RS1506S	Pipeline	8	125M	2	External	TTL/CMOS	2.7~3.6	54	0.8	0.5	-40 to 85	8-Bit, 125MSPS ,2-Ch ADC	LQFP48

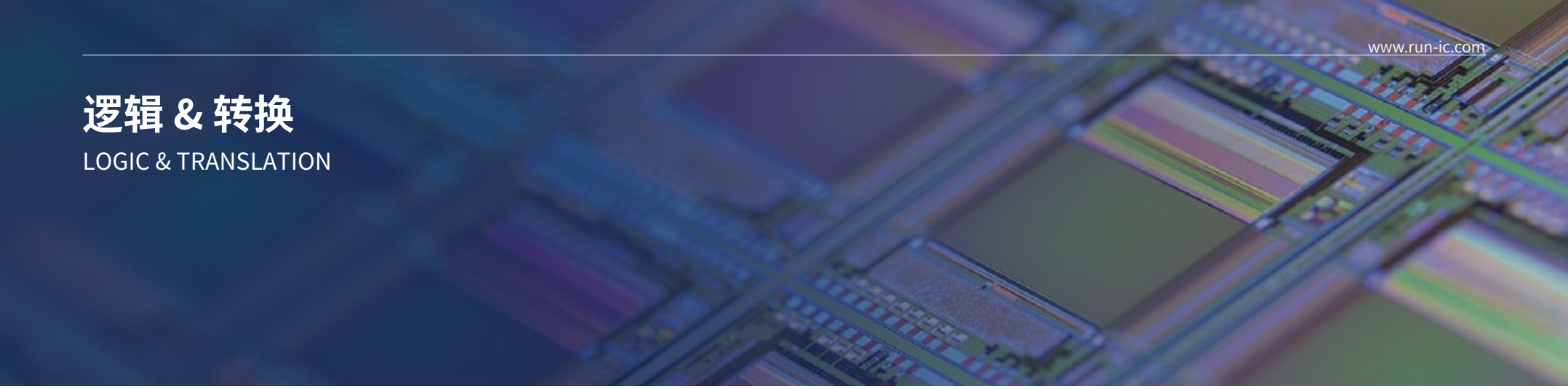
模数转换器 — ADC
Analog-Digital Converter - ADC

Part Number	Architecture	Resolution (Bits)	Sample Rate (max) (SPS)	Input Channels	Reference	Interface	Analog Voltage AVDD (V)	Operating IQ (mA)	INL (LSB)	DNL (LSB)	Operating Temperature Range (°C)	Description	Package
RS1507S	Pipeline	8	125M	1	External	TTL/CMOS	2.7~3.6	24	0.7	0.6	-40 to 85	8-Bit, 125MSPS ,1-Ch ADC	SSOP20
RS1520	Pipeline	14	20M/40M	1	Internal/External	SPI	1.7~1.9	24.2/35.5	0.65	0.45	-40 to 85	14-Bit ,20/40MSPS , 1-Ch Differential Input ADC	QFN5X5-32
RS1522	Pipeline	14	20M/40M	2	Internal/External	SPI	1.7~1.9	39.7/59.5	0.65	0.45	-40 to 85	14-Bit ,20/40MSPS , 2-Ch Differential Input ADC	QFN9X9-64
RS1525	Pipeline	14	80M	1	Internal/External	TTL/CMOS	2.7~3.6	112	/	/	-40 to 85	14-Bit, 80MSPS , 1-Ch Differential Input ADC	QFN5X5-32
RS1118 *	Delta-Sigma	16	1K	4	Internal	SPI	2.7~5.25	/	/	/	-40 to 125	16-Bit 1kSPS 4-Ch ADC With PGA	TSSOP, VQFN
RS1120 *	Delta-Sigma	16	2K	4	Internal	SPI	2.3~5.5	/	/	/	-40 to 125	16-Bit 2kSPS 4-Ch L ow-Power Delta-Sigma ADC	TSSOP, VQFN

数模转换器 — DAC
Digital-Analog Converter - DAC

Part Number	Resolution (Bits)	Output Setting Time (μs)	Output Channels	Output Voltage Range (V)	Reference	Interface	Analog Voltage AVDD (Min) (V)	Operating IQ (μA)	INL (LSB)	DNL (LSB)	Operating Temperature Range (°C)	Description	Package
RS1300	10	3	1	0~VA	Internal	SPI	2.7~5.5	134	-0.25/0.25	-0.07/0.15	-40 to 125	10-Bit Micro Power DAC	SOT23-6
RS1320	12	3	1	0~VA	Internal	SPI	2.7~5.5	190	-0.7/1.2	-0.1/0.2	-40 to 125	12-Bit Micro Power DAC	SOT23-6
RS1321 *	12	5	1	0~VA	Internal	SPI	2.7~5.5	328	1.3	0.2	-40 to 125	12-Bit Micro Power DAC	SOT23-6
RS1324	12	3	4	0~VA	External	SPI	2.7~5.5	595	-0.5/1.3	-0.1/0.2	-40 to 125	12-Bit Micro Power DAC	MSOP10
RS1328	12	2	8	0~VREF	External	SPI	2.7~5.5	573	±2	-0.15/0.3	-40 to 125	12-Bit Micro Power DAC	MSOP10
RS1360	16	1	1	-VREF~+VREF-1LSB	External	SPI	2.7~5.5	110	0.5	0.5	-40 to 105	16-Bit Micro Power DAC	SOP14
RS1361	16	4	1	0~VREF	External	SPI	2.7~5.5	180	/	±0.5	-40 to 125	16-Bit, Ultralow-Glitch, Voltage-Output	MSOP8
RS1362	16	1	1	0~VREF-1LSB	External	SPI	2.7~5.5	110	0.5	0.5	-40 to 105	16-Bit Micro Power DAC	SOP8
RS1380	8	3	1	0~VA	Internal	SPI	2.7~5.5	134	-0.07/0.06	-0.025/0.046	-40 to 125	8-Bit Micro Power DAC	SOT23-6

* 产品研发中 Under Development



逻辑 & 转换
LOGIC & TRANSLATION

电平转换器
Level Shifters

Part Number	Translators per Package	Data Rate (Mbps)	V_{CCA} Range (V)	V_{CCB} Range (V)	Direction	VCC Shutdown I/O State	Icc Max (μA)	Shutdown Icc Max (μA)	Logic Output	Features	Package
RS0101	1	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	11	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	SOT23-6,SC70-6,UDFN1.45X1-6
RS0102	2	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	13	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	SOT23-8,UDFN2X3-8, XDFN1.4X1-8,VSSOP8
RS0104	4	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	15	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP14,UQFN2X2-12, UQFN2X1.7-12,QFN3.5X3.5-14
RS0108	8	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	30	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP20,QFN3X3-20
RS0108A *	8	100/2	1.4~3.6	1.65~5.5	Bidirectional	Hi-Z	30	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP20,QFN3X3-20
RS0202	2	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	SOT23-8,UDFN2X3-8,MSOP8
RS0204	4	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	TSSOP14,UQFN1.7X2-12, QFN3.5X3.5-14,UQFN1.8X1.8-12
RS0204A	4	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	TSSOP14,UQFN1.7X2-12
RS0208	8	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	TSSOP20,QFN3X3-20
RS0208A *	8	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	TSSOP20,QFN3X3-20
RS0302	2	100	1.0~5.5	1.8~5.5	Bidirectional	Hi-Z	/	5	Open-Drain	I2C & SMBus Level Shifter	SOT23-8,XDFN1.4X1-8, VSSOP8
RS0322	2	52	0.72~1.98	0.72~1.98	Bidirectional	Hi-Z	25	25	Open-Drain/Push-Pull	I3C/I2C-Bus and SPI Voltage-Level Translator	SOT23-8,XDFN1.4X1-8, VSSOP8

* 产品研发中 Under Development

电平转换器

Level Shifters

Part Number	Translators per Package	Data Rate (Mbps)	V_{CCA} Range (V)	V_{CCB} Range (V)	Direction	VCC Shutdown I/O State	Icc Max (μA)	Shutdown Icc Max (μA)	Logic Output	Features	Package
RS1T34	1	200	1.65~5.5	1.65~5.5	Fixed	Hi-Z	4	1	Push-Pull	GPIO Level Shifter	SOT23-5,SC70-5
RS1T45	1	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	4	1	Push-Pull	GPIO Level Shifter	SOT23-6,SC70-6
RS2T45	2	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	4	1	Push-Pull	GPIO Level Shifter	VSSOP8,MSOP8
RS2T245	2	200	0.9~3.6	0.9~3.6	Configurable	Hi-Z	30	1	Push-Pull	GPIO Level Shifter	UQFN1.4x1.8-10
RS29617	2	2	0.8~5.5	2.2~5.5	Bidirectional	Hi-Z	40@IccA	1	Push-Pull	Level-Translating FM+ I2C Bus Repeater	MSOP8
RS4T245	4	200	1.65~5.5	1.65~5.5	YeConfigurables	Hi-Z	20	1	Push-Pull	GPIO Level Shifter	TSSOP16,QFN2.5X3.5-16
RS4T774	4	200	0.9~3.6	0.9~3.6	Configurable	Hi-Z	30	1	Push-Pull	GPIO Level Shifter	TSSOP16,QFN2.5X3.5-16, QFN2.6X1.8-16
RS8T245	8	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	25	1	Push-Pull	GPIO Level Shifter	TSSOP24,SOP24
RS8T245A	8	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	25	1	Push-Pull	GPIO Level Shifter	TSSOP24,QFN5.5X3.5-24
RS16T245A	16	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	80	10	Push-Pull	GPIO Level Shifter	TSSOP48
RS74AVC1T45	1	380	1.2~3.6	1.2~3.6	Configurable	Hi-Z	14	/	Push-Pull	GPIO Level Shifter	SOT23-6,SC70-6
RS74AVC2T45	2	380	1.2~3.6	1.2~3.6	Configurable	Hi-Z	14	/	Push-Pull	GPIO Level Shifter	VSSOP8,XDFN1.4X1-8
RS74AVC4T245	4	380	1.2~3.6	1.2~3.6	Configurable	Hi-Z	16	/	Push-Pull	GPIO Level Shifter	TSSOP16,QFN2.5X3.5-16, QFN2.6X1.8-16
RS74AVC4T774 *	4	200	0.9~3.6	0.9~3.6	Configurable	Hi-Z	30	1	Push-Pull	GPIO Level Shifter	TSSOP16,QFN2.5X3.5-16
RS74AVCH4T245	4	380	1.2~3.6	1.2~3.6	Configurable	Hi-Z	10	/	Push-Pull	GPIO Level Shifter with Bus Hold	TSSOP16,QFN2.5X3.5-16
RSF0102	2	100	0~5.5	0~5.5	Bidirectional	Hi-Z	/	5	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	VSSOP8
RSF0104 *	2	100	0~5.5	0~5.5	Bidirectional	Hi-Z	/	5	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP14,UQFN1.7X2-12
RSF0108 *	4	100	0~5.5	0~5.5	Bidirectional	Hi-Z	/	5	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP20,QFN3X3-20
RXU0104 *	4	200	1.08~5.5	1.08~5.5	Fixed	Hi-Z	2.5	2.5	Push-Pull	GPIO Level Shifter	TSSOP14,UQFN1.7X2-12
RXU0102 *	2	200	1.08~5.5	1.08~5.5	Fixed	Hi-Z	2.5	2.5	Push-Pull	GPIO Level Shifter	VSSOP8
RXU0304	4	200	1.08~5.5	1.08~5.5	Fixed	Hi-Z	2.5	2.5	Push-Pull	GPIO Level Shifter	TSSOP14,UQFN1.7X2-12

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逻辑
Logic Series

Part Number	VCC Range (V)	Features	Package
RS1G00	1.65~5.5	Single Channel 2-Input NAND Gate	SOT23-5,SC70-5
RS1GT00	2.0~5.5	Single Channel 2-Input NAND Gate, TTL input	SOT23-5,SC70-5
RS2G00	1.65~5.5	Dual Channel 2-Input NAND Gate	MSOP8
RS4G00	1.65~5.5	Quad Channel 2-Input NAND Gate	SOP14,TSSOP14
RS4GT00	2.0~5.5	Quad Channel 2-Input NAND Gate, TTL input	SOP14,TSSOP14
RS1G02	1.65~5.5	Single Channel 2-Input Positive NOR-Gate	SOT23-5,SC70-5
RS1GT02	2.0~5.5	Single Channel 2-Input Positive NOR-Gate	SOT23-5,SC70-5
RS4G02	1.65~5.5	Quad Channel 2-Input Positive NOR-Gate	SOP14,TSSOP14
RS1G04	1.65~5.5	Single Channel Inverter	SOT23-5,SC70-5, XDFN1X1-6
RS1GT04	2.0~5.5	Single Channel Inverter ,TTL Input	SOT23-5,SC70-5
RS2G04	1.65~5.5	Dual Channel Inverter	SOT23-6,SC70-6
RS3G04	1.65~5.5	Triple Channel Inverter	MSOP8,DFN1.4X1-8
RS6G04	1.65~5.5	Six Channel Inverter	SOP14,TSSOP14
RS6GT04	2.0~5.5	Six Channel Inverter ,TTL Input	SOP14,TSSOP14
RS1G06	1.65~5.5	Single Channel Inverter, open drain output	SOT23-5,SC70-5
RS1G07	1.65~5.5	Single Channel Non-inverting Buffer, Open-drain Output	SOT23-5,SC70-5
RS2G07	1.65~5.5	Dual Channel Non-inverting Buffer, Open-drain Output	SOT23-6,SC70-6
RS6G07	1.65~5.5	Six Channel Non-inverting Buffer, Open-drain Output	SOP14,TSSOP14
RS1G08	1.65~5.5	Single Channel 2-Input AND Gate	SOT23-5,SC70-5, XDFN1X1-6
RS1GT08	2.0~5.5	Single Channel 2-Input AND Gate,TTL Input	SOT23-5,SC70-5
RS2G08	1.65~5.5	Dual Channel 2-Input AND Gate	MSOP8
RS2GT08	2.0~5.5	Dual 2-Input Positive-AND Gate, TTL input	MSOP8,VSSOP8

Part Number	VCC Range (V)	Features	Package
RS4G08	1.65~5.5	Quad Channel 2-Input AND Gate	SOP14,TSSOP14
RS4GT08	2.0~5.5	Quad Channel 2-Input AND Gate,TTL Input	SOP14,TSSOP14
RS1G09	1.65~5.5	Single Channel AND Gate, open-drain output	SOT23-5,SC70-5
RS1G10	1.65~5.5	Single 3-Input Positive-NAND Gate	SC70-6
RS1G11	1.65~5.5	Single 3-Input Positive-AND Gate	SOT23-6,SC70-6
RS3G11	1.65~5.5	Triple 3-Input Positive-AND Gate	SOP14,TSSOP14
RS1G14	1.65~5.5	Single Channel Schmitt-Trigger Inverter	SOT23-5,SC70-5
RS1GT14	2.0~5.5	Single Channel Inverter ,TTL Input	SOT23-5,SC70-5
RS2G14	1.65~5.5	Dual Channel Schmitt-Trigger Inverter	SOT23-6,SC70-6
RS3G14	1.65~5.5	Triple Channel Schmitt-Trigger Inverter	MSOP8,DFN1.4X1-8
RS6G14	1.65~5.5	Six Channel Schmitt-Trigger Inverter	SOP14,TSSOP14
RS6GT14	2.0~5.5	Six Channel Schmitt-Trigger Inverter, TTL Input	SOP14,TSSOP14
RS1G17	1.65~5.5	Single Schmitt-Trigger Buffer	SOT23-5,SC70-5
RS1GT17	2.0~5.5	Single Schmitt-Trigger buffer,TTL Input	SOT23-5,SC70-5
RS2G17	1.65~5.5	Single Schmitt-Trigger Buffer	SOT23-6,SC70-6
RS6G17	1.65~5.5	Six Channel Non-inverting Buffer	SOP14, TSSOP14
RS6GT17	2.0~5.5	Six Channel Non-inverting Buffer,TTL Input	SOP14, TSSOP14
RS1G27	1.65~5.5	Single 3-Input Positive-NOR Gate	SC70-6
RS1G32	1.65~5.5	Single Channel 2-input OR Gate	SOT23-5,SC70-5, XDFN1X1-6
RS1GT32	2.0~5.5	Single 2-Input Positive-OR Gate,TTL input	SOT23-5,SC70-5
RS2G32	1.65~5.5	Dual Channel 2-input OR Gate	MSOP8
RS4G32	1.65~5.5	Quad Channel 2-input OR Gate	SOP14,TSSOP14

逻辑
Logic Series

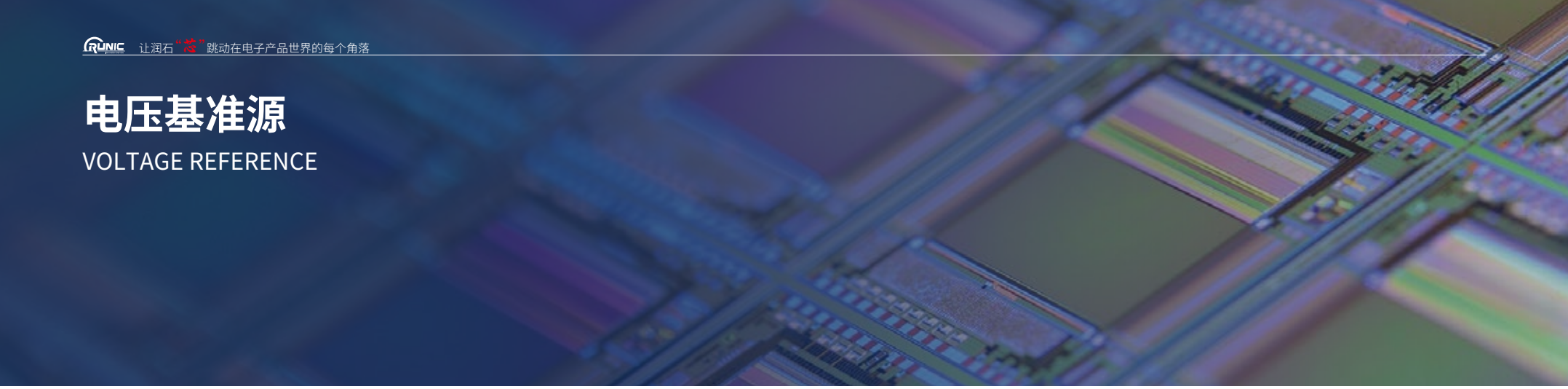
Part Number	VCC Range (V)	Features	Package
RS4GT32	2.0~5.5	Quad Channel 2-input OR Gate,TTL input	SOP14,TSSOP14
RS1G34	1.65~5.5	Single Buffer Gate	SOT23-5,SC70-5
RS1GT34	2.0~5.5	Single Buffer Gate, TTL input	SOT23-5,SC70-5
RS2G34	1.65~5.5	Dual Buffer Gate	SOT23-6,SC70-6
RS3G34	1.65~5.5	Triple Buffer Gate	MSOP-8,VSSOP-8
RS1G38	1.65~5.5	Single Channel NAND Gate, Open-drain Output	SOT23-5,SC70-5
RS1G57	1.65~5.5	Configurable Multiple-Function Gate	SOT23-6,SC70-6
RS1G58	1.65~5.5	Configurable Multiple-Function Gate	SOT23-6,SC70-6
RS1G74	1.65~5.5	Single Positive-Edge-Triggered D-Type Flip-Flop	MSOP8,VSSOP8, XDFN1.4X1-8
RS1G79	1.65~5.5	Single D-type flip-flop; positive-edge trigger	SOT23-5,SC70-5
RS1G86	1.65~5.5	Single Channel 2-input Exclusive-OR Gate	SOT23-5,SC70-5
RS1GT86	2.0~5.5	Single Channel 2-input Exclusive-OR Gate,TTL input	SOT23-5,SC70-5
RS2G86	1.65~5.5	Dual Channel 2-input Exclusive-OR Gate	MSOP8
RS4G86	1.65~5.5	Quad Channel 2-input Exclusive-OR Gate	SOP14,TSSOP14
RS4GT86	2.0~5.5	Quad Channel 2-input Exclusive-OR Gate, TTL input	SOP14,TSSOP14
RS1G97	1.65~5.5	Low Power Configurable Multiple-Function Gate	SOT23-6,SC70-6
RS1G123	2.0~5.5	Single Retriggerable Monostable Multivibrator	VSSOP8
RS2G123	2.0~5.5	Dual Retriggerable Monostable Multivibrator	SOP16,TSSOP16
RS1G125	1.65~5.5	Single Active-Low Bus Buffer Gate, 3-State Output	SOT23-5,SC70-5, XDFN1X1-6
RS1GT125	2.0~5.5	Single Active-Low Bus Buffer Gate, 3-State Output,TTL input	SOT23-5,SC70-5
RS2G125	1.65~5.5	Dual Active-Low Bus Buffer Gate, 3-State Output	MSOP8
RS4G125	1.65~5.5	Quad Active-Low Bus Buffer Gate, 3-State Output	SOP14,TSSOP14, QFN2.5X3-14

Part Number	VCC Range (V)	Features	Package
RS4GT125	2.0~5.5	Quad Active-Low Bus Buffer Gate, 3-State Output,TTL input	SOP14,TSSOP14
RS1G126	1.65~5.5	Single Active-High Bus Buffer Gate, 3-State Output	SOT23-5,SC70-5, XDFN1X1-6
RS1GT126	2.0~5.5	Single Active-High Bus Buffer Gate, 3-State Output,TTL input	SOT23-5,SC70-5
RS2G126	1.65~5.5	Dual Active-High Bus Buffer Gate, 3-State Output	MSOP8,TSSOP8
RS4G126	1.65~5.5	Quad Active-High Bus Buffer Gate, 3-State Output	SOP14,TSSOP14
RS4GT126	2.0~5.5	Quad Active-High Bus Buffer Gate ,3-State Output,TTL input	SOP14,TSSOP14
RS1G139	2.0~5.5	Single 2-Line to 4-Line Decoders/Demultiplexers	VSSOP8
RS2G139	2.0~5.5	Dual 2-Line to 4-Line Decoders/Demultiplexers	SOP16,TSSOP16
RS1G157	1.65~5.5	Single 2-Input Multiplexer	SOT23-6,SC70-6
RS4G157	1.65~5.5	Quad 2-Input Multiplexer	SOP16,TSSOP16
RS1G175	1.65~5.5	Single Positive-Edge-Triggered D-Type Flip-Flop	SOT23-6,SC70-6
RS1G240	1.65~5.5	Single Buffer/Driver, 3-State Output	SC70-5
RS2G241	1.65~5.5	Dual Buffer and Driver, 3-State Outputs	MSOP8
RS1G332	1.65~5.5	Single 3-input OR gate	SOT23-6,SC70-6
RS1G373	1.65~5.5	Single D-type transparent latch;3-state	SOT23-6,SC70-6
RS1G386	1.65~5.5	Single 3-input Exclusive-OR Gate	SOT23-6,SC70-6
RS138	2.0~5.5	3-Line To 8-Line Decoders/Demultiplexers	SOP16,TSSOP16
RS138T	4.5~5.5	3-Line To 8-Line Decoders/Demultiplexers, TTL Input	SOP16,TSSOP16
RS151	2.0~5.5	8-input multiplexer	SOP16,TSSOP16
RS154	1.65~5.5	4-to-16 Line Decoder/Demultiplexer	TSSOP24
RS164	1.65~5.5	8-bit serial-in, parallel-out shift register	SOP14,TSSOP14
RS164T	2.0~5.5	8-bit serial-in, parallel-out shift register,TTL input	SOP14,TSSOP14

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Logic Series

Part Number	VCC Range (V)	Features	Package
RS165	1.65~5.5	8-bit parallel-in, serial-out shift register	SOP16,TSSOP16
RS165T	2.0~5.5	8-bit parallel-in, serial-out shift register,TTL input	SOP16,TSSOP16
RS175	1.65~5.5	Quad ruple D-Type Flip-Flop with Clear	SOP16,TSSOP16
RS238	2.0~5.5	3- to 8-Line Decoder/Demultiplexer	SOP16,TSSOP16
RS240	1.65~5.5	Octal Buffers and Line Drivers, 3-State Outputs	SOP20,TSSOP20
RS240T	4.5~5.5	TTL input, Octal Buffers and Line Drivers, 3-State Outputs	SOP20,TSSOP20
RS244	1.65~5.5	Octal Buffer/Driver, 3-State Outputs	SOP20,TSSOP20
RS244S	1.65~5.5	Octal Buffer/Driver, 3-State Outputs	SOP20,TSSOP20
RS244T	4.5~5.5	TTL input, Octal Buffer/Driver, 3-State Outputs	SOP20,TSSOP20
RS245	1.65~5.5	Octal Bus Transceivers, 3-State Outputs	SOP20,TSSOP20
RS245S	1.0~5.5	Octal Bus Transceivers ,3-State Outputs	SOP20,TSSOP20
RS245T	2.0~5.5	TTL input,Octal Bus Transceivers, 3-State Outputs	SOP20,TSSOP20
RS266	1.65~5.5	Quadruple 2-Input XNOR Gates, Open-Drain Outputs	SOP14,TSSOP14
RS273	1.65~5.5	Octal D-Type Flip-Flops With Clear	SOP20,TSSOP20
RS373	1.65~5.5	Octal Transparent D-Type Latches, 3-State Outputs	SOP20,TSSOP20
RS4094	2.0~5.5	8-Stage Shift-And-Store Bus Register	SOP16
RS4538	2.3~6.0	Dual Retriggerable Precision Monostable Multivibrator	SOP16,TSSOP16
RS540	1.65~5.5	Octal Buffers and Line Drivers With 3-State Outputs	SOP20,TSSOP20
RS540T	2.0~5.5	TTL input,Octal Buffers and Line Drivers, 3-State Outputs	SOP20,TSSOP20
RS541	1.65~5.5	Octal Buffers and Line Drivers, 3-State Outputs	SOP20,TSSOP20
RS541T	4.5~5.5	TTL input,Octal Buffers and Line Drivers, 3-State Outputs	SOP20,TSSOP20
RS573	1.65~5.5	Octal D-type transparent Latch, 3-State Outputs	SOP20,TSSOP20

Part Number	VCC Range (V)	Features	Package
RS574	2.0~5.5	Octal Edge-Triggered D-Type Flip-Flops, 3-State Outputs	SOP20,TSSOP20
RS574T	4.5~5.5	Octal Edge-Triggered D-Type Flip-Flops ,3-State Outputs,TTL input	SOP20,TSSOP20
RS595S	2.0~5.5	8-Bit Shift Registers, 3-State Output	SOP16,TSSOP16, QFN-2.5X3.5-16
RS595	2.0~5.5	8-Bit Shift Registers, 3-State Output, MSL1 package	SOP16,TSSOP16
RS595T	4.5~5.5	8-Bit Shift Registers, 3-State Output,TTL input	SOP16,TSSOP16
RS7266	1.65~5.5	Quadruple XNOR Gates, Schmitt-Trigger Inputs	SOP14,TSSOP14
RS74HC74	1.65~5.5	Dual Positive-Edge-Triggered D-Type Flip-Flop	SOP14,TSSOP14
RS74HCT74	4.5~5.5	Dual Positive-Edge-Triggered D-Type Flip-Flop, TTL input	SOP14,TSSOP14
RSH4013L	1.65~5.5	Dual Positive-Edge-Triggered D-Type Flip-Flop with set and reset	SOP14,TSSOP14
RSH4001	3.0~15	Quad 2-Input NOR Gate	SOP14
RSH4011	3.0~15	Quad 2-Input NAND Gate	SOP14
RSH40106	3.0~15	Hex Inverting Schmitt trigger	SOP14
RSH4069U	3.0~15	Hex unbuffered Inverter	SOP14
RSH4081	3.0~15	Quad 2-Input AND Gate	SOP14
RSH4093	3.0~15	Quad 2-input NAND Schmitt trigger	SOP14



电压基准源
VOLTAGE REFERENCE

并联电压基准源
Shunt Voltage References

Part Number	VREF (V)	Voltage Tolerance	V_{KA} (V)	I_{REF} (Max,μA)	I_{KA} (Min, mA)	Temperature Coefficient	Operating Temperature Range (°C)	Package
RS421	1.18	0.50%	1.18~36	1.2	0.3	50ppm/°C	-40 to 125	SOT23
RS422	1.18	0.50%	1.18~36	1.2	0.3	50ppm/°C	-40 to 125	SOT23
RS421V	1.24	0.50%	1.24~12	1.2	0.3	50ppm/°C	-40 to 125	SOT23
RS422V	1.24	0.50%	1.24~12	1.2	0.3	50ppm/°C	-40 to 125	SOT23
RS431	2.5	0.5% / 1%	2.5~36	4	0.5	50ppm/°C	-40 to 125	SOT23
RS432	2.5	0.5% / 1%	2.5~36	4	0.5	50ppm/°C	-40 to 125	SOT23

串联电压基准源
Series Voltage References

Part Number	VREF (V)	Voltage Tolerance	Temperature Coefficient (Max, ppm/°C)	Iout (Max, mA)	Quiescent Current (μA)	LFN 0.1 to 10 Hz (typ, μVPP/V)	Operating Temperature	Package
RSR30xx	1.2,1.25,1.8,2.048,2.5,3.0,3.3,4.096,4.5	0.05%	10	25	120@1.2V	7.5	-40 to 125	SOT23
RS3112	1.25,2.048,2.5,3.0,3.3,4.096	0.10%	20	10	150	35	-40 to 125	SOT23,SOP8
RS3115-Q1*	2.5,3.0,3.3,4.096	0.05%	10	25	130	7.5	-40 to 125	SOT23-5
RS34xx-Q1	1.2,1.25,1.8,2.048,2.5,3.0,3.3,4.096,4.5,5.0	0.05%	10	10	150	8	-40 to 125	SOT23-6
RS50xx	2.048,2.5,3.0,3.3,4.096,4.5,5.0	0.10%	10	10	2000	7.5	-40 to 125	SOP8
RS50xxA	2.048,2.5,3.0,3.3,4.096,4.5,5.0	0.05%	10	10	2000	7.5	-40 to 125	SOP8
RSR50xx *	1.2,1.25,1.8,2.048,2.5,3.0,3.3,4.096,4.5,5.0	0.05%	2.4(Typ)	10	1200	7.5	-40 to 125	SOP8
RSR580	2.5	0.05%	25	15	800	15.5	-40 to 125	SOP8
RSR581	10	0.05%	20	15	1100	54	-40 to 125	SOP8
RSR584	2.5,5.0,7.5,10	0.05%	10	15	750	4.4	-40 to 125	SOP8
RSR586	5.0	0.05%	25	15	1100	26	-40 to 125	SOP8

* 产品研发中 Under Development



电源类产品
POWER PRODUCTS

线性稳压器
Linear Regulator

Part Number	Input Voltage Range (V)	Output Current (mA)	Ground Current (No Load) (μA)	Dropout Voltage @IOUT=Full current/Vout=3.3V (mV)	PSRR @1kHz (dB)	Output current Noise (μVRMS)	VOUT (V)	Features	Operating Junction Range (°C)	Package
RS3001 *	2.7~18	300	2	420	64	130xVOUT	1.8/2.5/3.0/3.3/3.6/5.0/9.0/12/ Adj(1.24V~17.5V)	Ultra-Low IQ,Enable Input	-40 to 125	SOT89-3,SOT23-3, SOT23-5
RS3003	2.5~18	800	18	880(@5V)	67	—	1.2/1.5/1.8/2.5/3.3/5.0	Low IQ,Low Vdrop, Short Protection	-40 to 125	SOT89-3,SOT-223
RS3004	2.5~36	150	1.9	1000	65	135	1.8/3.0/3.3/3.6/4.1/4.4/5.0/9.0/12	Ultra-Low IQ,Enable Input	-40 to 125	SOT23,SOT23-5, SOT89-3
RS3007	2.5~45	300	3	1005	77	100	3.0,3.3,5.0	Ultra-Low IQ,Enable Input	-40 to 125	SOT23-3,SOT23-5, SOT89-3,SOT-223,SOP8
RS3009	4.5~60	100	32	240	63	400	3.3/5.0	Enable Input	-40 to 150	SOT23-3,SOT23-5, SOT223
RS3015	3~45	300	3	1150	58	120	1.8/2.5/3.0/3.3/5.0	Ultra-Low IQ,Enable Input	-40 to 150	SOT23-3,SOT23-5, SOT89-3,SOT-223
RS3017	3~40	300	7	460	53	80	1.8/2.5/3.0/3.3/5.0/Adj(1.25V~15V)	Low IQ,Enable Inpu,Low Dropout, PG,Programmable PG Delay	-40 to 150	ESOP8
RS3027 *	3~40	300	7	460	53	80	1.8/2.5/3.0/3.3/5.0/Adj(1.25V~24V)	Low IQ,Enable Inpu,Low Dropout, PG,Programmable PG Delay	-40 to 150	EMSOP8
RS75xx-2H	2.5~36	250	1.9	1000	65	135	3.0/3.3/3.6/5.0/9.0/12/Adj(1.0V~12V)	Ultra-Low IQ,Enable Input	-40 to 125	SOT23-3,SOT23-5, SOT89-3,UDFN1.6X1.6-6
RS3212	1.6~5.5	300	30	320	60	—	0.8/1.2/1.5/1.8/2.5/2.8/3.0/3.3/3.6/5.0	Fast Response	-40 to 125	SOT23-5,XDFN1X1-4
RS3213	1.6~5.5	500	30	580	60	—	1.8/2.5/2.8/3.0/3.3/3.6/5.0	Fast Response	-40 to 125	SOT23-5,SOT23, XDFN1X1-4
RS3215	2.7~6.5	500	45	250	64	11xVOUT	1.2/1.5/1.8/2.5/2.7/2.8/3.0/3.3/Adj(1.2V~6V)	Fast Start-Up,Fast Response, High Output Accuracy: ±0.75%	-40 to 150	SOT23-5,DFN3X3-8, DFN2X2-6

* 产品研发中 Under Development

线性稳压器
Linear Regulator

Part Number	Input Voltage Range (V)	Output Current (mA)	Ground Current (No Load) (μA)	Dropout Voltage @IOUT=Full current/Vout=3.3V (mV)	PSRR @1kHz (dB)	Output current Noise (μVRMS)	VOUT (V)	Features	Operating Junction Range (°C)	Package
RS3217	1.9~5.5	500	16	220	81	13	1.2,1.5,1.8,2.5,2.8,2.9,3.0,3.2,3.3,3.6,4.0,4.5	Low-Noise, High PSRR, Fast Response	-40 to 125	SOT23-5,XDFN1X1-4
RS3217F	1.9~5.5	500	20	220	77	17	1.2,1.5,1.8,2.5,2.8,2.9,3.0,3.2,3.3,3.6,4.0,4.2	Low-Noise, High PSRR, Fast Response	-40 to 125	SOT23-5,XDFN1X1-4
RS3218	1.6~5.5	600	28	330	75	52xVOUT	1.2/1.5/1.8/2.5/2.8/3.0/3.3/3.6/4.0/5.0/ Adj(0.8V~5.0V)	Low Dropout,Enable Inpu, Soft Start	-40 to 125	SOT23-3,SOT23-5, XDFN1X1-4
RS3222 *	1.7-7.5V	300	1	200	38	—	1.2/1.5/1.8/2.5/2.8/3.0/3.3/3.6	Ultra-Low IQ,Low Dropout	-40 to 125	SOT23-3,SOT23-5, XDFN1X1-4
RS3231 *	1.7~7.0	300	2	150	85	51	1.2,1.5,1.8,2.5,2.8,3,3.3,3.6,Adj	Ultra-Low IQ	-40 to 125	SOT23-3,SOT23-5, XDFN1X1-4
RS3232 *	1.7~7.0	600	2	310	85	42	1.2,1.5,1.8,2.5,2.8,3,3.3,3.6,5.0,Adj	Ultra-Low IQ	-40 to 125	SOT23-3,SOT23-5, XDFN1X1-4,SOT89-3
RS3235	1.0~6.0	3000	105	220@VOUT=1.8V	60	—	Adj(0.8V~Vin-Vdrop)	Low Dropout	-40 to 125	ESOP8,DFN3X3-10
RS3239 *	1.4-6V	2000	700	240	/	/	Adj(0.5V~5.5V)	Low Input Voltage, Ultra-Low Dropout	-40 to 125	ESOP8
RS3242	2.2~6.0	1000	125	230	66	37	0.8/1.0/1.2/1.8/2.5/3.0/3.3/5.0/ Adj(0.8V~5.5V)	Low Noise, High PSRR, Low-Dropout	-40 to 125	DFN3X3-8

开关稳压器
DC-DC

Part Number	DC-DC Topology	Switch Current Limit (mA)	Quiescent Current (μA)	Input Voltage Range (V)	Efficiency Max	Output Voltage	Switching Frequency (MHz)	Shutdown Current (μA)	Features	Package
RS6651	Sync Boost	2700	20	2.2~5.5	95%	3.0~5.5V	1.1	1	Synchronous	TSOT23-6

* 产品研发中 Under Development

负载开关
Load Switch

Part Number	Input Voltage Range (V)	Quiescent Current (μA)	Enable Logic	Current Limit (A)	RDS(on) (mΩ)	Soft-Start	Fault Flag	Features	Package
RS2523 *	2.6~22V	150	High	0.1~1.6 Adj	75	Yes	Yes		SOT23-6
RS2580C	0.6~5.5	25	High	6.0	17	Yes	No	With Bias Voltage ,Configurable Rise Time	DFN2X2-8
RS2581	0.6~5.5	34	High	6.0	18	Yes	No	Dual-Channel,With Bias Voltage ,Configurable Rise Time	DFN3X2-14
RS2582	2.5~5.5	27	High	0.4~2.7 Adj	70	Yes	No		SOT23-5
RS2583	2.5~5.5	27	High	0.4~2.7 Adj	70	Yes	Yes		SOT23-6
RS2587	1.6~4.2	11	High	1.5	105	Yes	No	Reverse-Current Blocking,Quick Output Discharge Pin	SC70-6
RS2588	2.5~5.5	30	High	1.1/2.1/2.6/3.0	70/54	Yes	Yes		SOT23-5
RS2599A	2.5~5.5	85	High	0.4~3.0 Adj	50	Yes	Yes	OCP Accuracy: ±7%	DFN3X3-8

过压保护
OVP

Part Number	Quiescent Current (μA)	Input Voltage Range (V)	VIN OVP (V)	VB OVP (V)	Current Limit (A)	R_{DS}(on) (mΩ)	Soft-Start	Fault Flag	Package
RS2601	400	3~40	5.85	4.35	1.0 Adj	230	Yes	Yes	DFN2X2-8
RS2604	175	4.5~40	ADJ	—	0.35~2.5 Adj	80	Yes	Yes	UDFN2X3-8

* 产品研发中 Under Development

电压检测和复位
Supervisor&Reset ICs

Part Number	Quiescent Current (μA)	Manual Reset	Vcc (V)	Detect Threshold	Watchdog Timer	Vcc to Reset Delay (μs)	Reset Active Timeout Period (ms)	Reset Output	Package
RS706	20	Yes	1.2~5.5	2.63,2.93,3.08,4.0,4.65	1.6s	33	200	Low	SOP8
RS802	3	No	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	ADJ	High	SC70-4,SOT143
RS803	20	No	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	200	Low	SOT23
RS803B *	0.6	No	1.2~5.5	2.63,2.93,3.08,4.0,4.38,4.65	No	100	200	Low	SOT23
RS804	3	No	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	ADJ	Low	SOT23-5
RS806	20	Yes	1.2~5.5	2.63,2.93,3.08,4.0,4.65	1.6s	33	200	Low	SOT23-5
RS809B *	0.6	No	1.2~5.5	2.63,2.93,3.08,4.0,4.38,4.65	No	100	200	Low	SOT23
RS809	20	No	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	200	Low	SOT23
RS810	20	No	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	200	High	SOT23
RS810B *	0.6	No	1.2~5.5	2.63,2.93,3.08,4.0,4.38,4.65	No	100	200	High	SOT23
RS811	20	Yes	1.2~5.5	2.63,2.93,3.08,4.0,4.65	No	33	200	Low	SOT143

马达驱动
Charge Pump

Part Number	Motor Type	Output Current Max (A)	Sleep Mode Current (μA)	Vcc (V)	VM Operating Voltage (V)	PWM Frequency	Operating Current (μA)	Operating Temperature Range (°C)	Package
RS8837	Brushed DC Motor	1.8	0.1	2.5~7	0~14	0~250 kHz	510	-40°C~85°C	SOP8,DFN2X2-8

* 产品研发中 Under Development

电荷泵
Charge Pump

Part Number	Function	Output Current Max (mA)	Quiescent Current (μA)	Input Voltage Range (V)	Efficiency Max	Output Voltage	Switching Frequency (KHz)	Operating Temperature Range (°C)	Package
RS6903	Inverts Input	60	110	1.5~5.5	85%	-Vin	50	-40°C~85°C	SOT23-5

门极驱动
Gate Driver

Part Number	Function	Channel	Source/Sink Peak Current (A)	Input Voltage Range (V)	Fast Propagation Delays (nS)	Fast Rise/Fall Times (nS)	Operating Junction Range (°C)	Package
RS8801	Low-Side Gate Driver	1	5/5	4.5~18	11	8.5/7	-40°C~140°C	SOT23-5
RS8802	Low-Side Gate Driver	2	5/5	4.5~18	13	7/6	-40°C~140°C	SOP8
RS8803 *	Low-Side Gate Driver	1	4/8	4.5~18	11	8.5/7	-40°C~140°C	SOT23-6
RS8804 *	Low-Side Gate Driver	1	4/8	4.5~18	11	8.5/7	-40°C~140°C	DFN2X2-6

* 产品研发中 Under Development

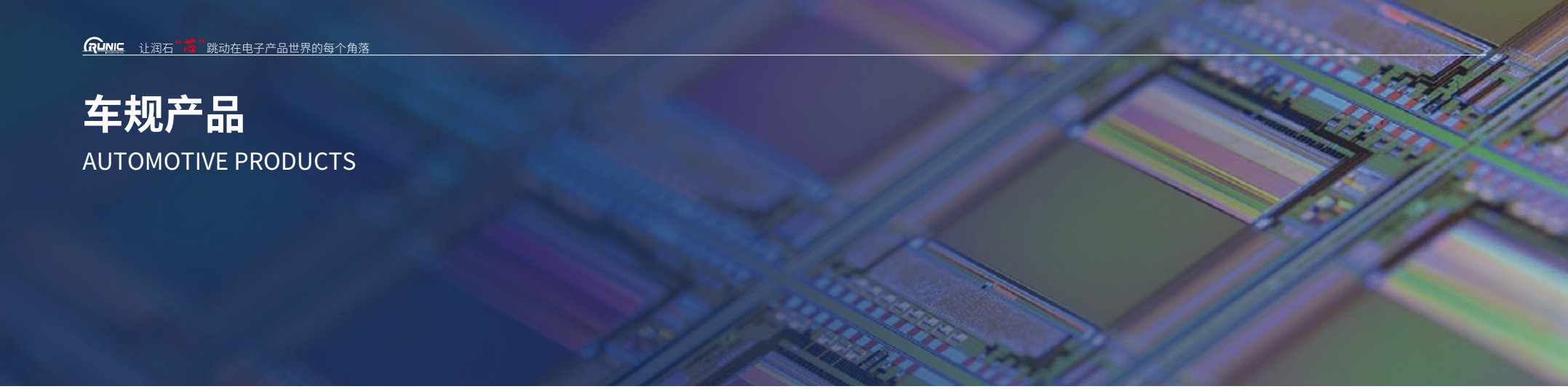
LED驱动
LED Driver

Part Number	Function	Quiescent Current (mA)	Input Voltage Range (V)	Open LED Protection (V)	ILIM (A)	Switching Frequency (KHz)	Operating Temperature Range (°C)	Package
RS3750	Boost, White LED Driver	0.87	2.7~20	30	1.65	1150	-40°C~85°C	SOT23-6
RS3752 *	Boost, White LED Driver	0.3	2.7~5.5	38	1.8	1200	-40°C~85°C	TSOT23-6
RS3766	Boost, White LED Driver	0.2	2.7~5.5	38	2.75	1200	-40°C~85°C	TSOT23-6

锂电池充电管理
Battery Charger

Part Number	Function	Quiescent Current (μA)	Input Voltage Range (V)	VIN OVP (V)	Charge Voltages (V)	Charge Current (mA)	Operating Temperature Range (°C)	Package
RS4040	1S Linear Charger	70	3.5~16	6.5	4.2/4.3/4.35	4~400	-40°C~85°C	DFN2X2-8

* 产品研发中 Under Development



车规产品
AUTOMOTIVE PRODUCTS

精密运算放大器
Precision Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (μV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	Enoise 0.01Hz~10Hz (μVpp)	Enoise Typ@1kHz (nV/√Hz)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	AOL Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Operating Temperature Range (°C)	Package
RS8551-Q1	1	20	0.05	50	0.93	45	2.7~5.5	4.3	2.5	650	120	120	In,Out	-40 to 125	SOT23-5
RS8552-Q1	2	20	0.05	50	0.93	45	2.7~5.5	4.3	2.5	650	120	120	In,Out	-40 to 125	SOP8,MSOP8
RS8557-Q1	1	50	0.05	50	0.93	45	2.7~5.5	4.3	2.5	650	120	120	In,Out	-40 to 125	SOT23-5
RS8558-Q1	2	50	0.05	50	0.93	45	2.7~5.5	4.3	2.5	650	120	120	In,Out	-40 to 125	SOP8,MSOP8

高速运算放大器
High-Speed Operational Amplifier

Part Number	Amplifiers per Package	GBW Typ (MHz)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Vos Max@25°C (mV)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enoise Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS8701-Q1	1	50	7.6	2.2~5.5	0.2	40	In,Out	1.5	4.4	10	120	100	96	Zero-Crossover	-40 to 125	SOT23-5
RS8702-Q1	2	50	7.6	2.2~5.5	0.2	40	In,Out	1.5	4.4	10	120	100	96	Zero-Crossover	-40 to 125	SOP8
RS8762P-Q1	2	250	8.3	2.7~5.5	2	180	In,Out	10	6	100	105	80	80	—	-40 to 125	MSOP8

通用运算放大器
General Operational Amplifier

Part Number	Amplifiers per Package	Vos Max@25°C (mV)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Rail-to-Rail I/O	TC of Vos Typ (μV/°C)	Enosie Typ@1kHz (nV/√Hz)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
LM2902B-Q1 *	4	2.5	0.4	3.0~36	1.0	0.4	In	5.4	31	24000	120	115	103	—	-40 to 125	SOP14,TSSOP14
LM2904B-Q1 *	2	2.5	0.42	3.0~36	1.0	0.4	In	5.4	31	24000	120	115	103	—	-40 to 125	SOP8,TSSOP8
RS321BK-Q1	1	4.5	0.065	2.5~5.5	1.0	0.45	In,Out	2.0	/	10	110	75	85	—	-40 to 125	SC70-5
RS6331-Q1	1	1.0	0.062	2.2~5.5	1.4	0.5	In,Out	1	47	1	122	90	90	—	-40 to 125	SC70-5, SOT23-5
RS6332-Q1	2	1.0	0.062	2.2~5.5	1.4	0.5	In,Out	1	47	1	122	90	90	—	-40 to 125	SOP8,MSOP8
RS6334-Q1	4	1.0	0.062	2.2~5.5	1.4	0.5	In,Out	1	47	1	122	90	90	—	-40 to 125	SOP14,TSSOP14
RS8411-Q1	1	2.0	0.12	3.0~32	1.2	0.67	Out	3	45	10	115	120	110	—	-40 to 125	SOT23-5
RS8412-Q1	2	2.0	0.12	3.0~32	1.2	0.67	Out	3	45	10	115	120	110	—	-40 to 125	SOP8,MSOP8,TSSOP8
RS8414-Q1	4	2.0	0.12	3.0~26	1.2	0.67	Out	3	45	10	115	120	110	—	-40 to 125	SOP14, TSSOP14
RS8442-Q1	2	1.0	0.44	3.0~32	3.8	15	Out	2	30	10	120	120	120	High slew rate	-40 to 125	SOP8,MSOP8,TSSOP8
RS8444-Q1	4	1.0	0.44	3.0~32	3.8	15	Out	2	30	10	120	120	120	High slew rate	-40 to 125	SOP14, TSSOP14
RS8452-Q1	2	2.3	3.0	5~32	8	5	Out	5	35	10	100	110	110	—	-40 to 125	SOP8,MSOP8
RS8454-Q1	4	2.3	3.0	5~26	8	5	Out	5	35	10	100	110	110	—	-40 to 125	SOP14
RS8473-Q1	2	4.5	4.1	5.0~24	18	80	In,Out	4.5	22	500	140	102	83	High slew rate, High peak output current	-40 to 125	ETSSOP14

* 产品研发中 Under Development

低噪声运算放大器
Low Noise Operational Amplifier

Part Number	Amplifiers per Package	Enoise Typ@1kHz (nV/√Hz)	GBW Typ (MHz)	Slew Rate Typ (V/μs)	Iq/Amp Typ (mA)	Total Supply Voltage (V)	Rail-to-Rail I/O	Vos Max@25°C (mV)	TC of Vos Typ (μV/°C)	IB Typ (pA)	AOL Typ (dB)	PSRR Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
RS621-Q1	1	14	7	4.3	0.6	2.5~5.5	In,Out	1.5	2.3	1	127	90	94	—	-40 to 125	SOT23-5
RS622-Q1	2	14	7	4.3	0.625	2.5~5.5	In,Out	1.5	2.3	1	127	90	94	—	-40 to 125	SOP8,MSOP8,DFN2X2-8
RS721P-Q1	1	—	13	8	1.15	2.7~5.5	In,Out	1.5	2.6	1	127	93	90	—	-40 to 125	SOT23-5
RS722P-Q1	2	—	13	8	1.15	2.7~5.5	In,Out	1.5	2.6	1	127	93	90	—	-40 to 125	SOP8,MSOP8
RS724-Q1	4	—	13	8	1.15	2.7~5.5	In,Out	3	2.6	1	127	93	90	—	-40 to 125	SOP14,TSSOP14
RS8701-Q1	1	4.4	50	40	7.6	2.2~5.5	In,Out	0.2	1.5	10	120	100	96	Zero-Crossover	-40 to 125	SOT23-5
RS8702-Q1	2	4.4	50	40	7.6	2.2~5.5	In,Out	0.2	1.5	10	120	100	96	Zero-Crossover	-40 to 125	SOP8

电流检测放大器
Current-sense Amplifier

Part Number	Common Mode Voltage (V)	Supply Voltage (V)	Input Offset (+/-)(Max) (μV)	Input Offset Drift (+/-)(Typ) (μV/°C)	Gain (V/V)	Gain Error (Max) (%)	Gain vs Temperature (Typ) (ppm/°C)	CMRR (Min) (dB)	Bandwidth at min Gain (kHz)	Slew Rate Typ @G=10 (V/μs)	Iq (Max) (mA)	Operating Temperature Range (°C)	Package
RS199XP-Q1	-0.1~28	2.7~28	150	0.3	50/100	0.5	4.5	95	60	0.5	0.15	-40 to 125	SC70-6
RSA240-Q1	-5.0~100	2.7~5.5	30	/	20,50,100	0.5	/	135	500	2.3	2	-40 to 125	TSSOP8,SOP8
RSA190-Q1 *	-6.0~42	2.3~5.5	15	0.2	25,50,100	0.1	7	120	160	0.7	0.09	-40 to 125	SC70-6

* 产品研发中 Under Development

高速比较器
High Speed Comparator

Part Number	Comparators per Package	Iq/Comp Typ (μA)	Input Common Mode Voltage Range(V)	Vcc (V)	Vos Max@25°C (mV)	t , H to L @Vcc=5V pd(ns)	t , L to H @Vcc=5V pd(ns)	TRise @Vcc=5V (ns)	TFall @Vcc=5V (ns)	Logic Output	Operating Temperature Range (°C)	Package
RS331-Q1	1	60	(V-)-0.1~(V+)+0.1	1.8~5.5	4.5	0.12	0.32	/	20	Open-Drain	-40 to 125	SOT23-5
RS393-Q1	2	50	(V-)-0.1~(V+)+0.1	1.8~5.5	3.5	0.12	0.32	/	20	Open-Drain	-40 to 125	SOP8
LM2903-Q1	2	55	(V-) ~(V+)-1.5	3.3~32	4.5	0.5	1.6	/	/	Open-Drain	-40 to 125	SOP8,MSOP8,TSSOP8
LM2903V-Q1	2	190	(V-) ~(V+)-1.5	3.3~32	3.5	0.3	0.6	/	/	Open-Drain	-40 to 125	SOP8,MSOP8,DFN2X2-8
LM2901-Q1	4	45	(V-) ~(V+)-1.5	3.3~32	4.5	0.4	0.8	/	/	Open-Drain	-40 to 125	SOP14,TSSOP14
LM2901V-Q1	4	190	(V-) ~(V+)-1.5	3.3~32	3.5	0.3	0.6	/	/	Open-Drain	-40 to 125	SOP14,TSSOP14
RS8901-Q1 *	1	0.4	(V-)-0.1~(V+)+0.1	1.4~5.5	3.5	9	21	240	260	Push-Pull	-40 to 125	SOT23-5
RS8904-Q1	1	120	(V-)-0.1~(V+)+0.1	2.7~5.5	20	25	30	2	2	Push-Pull	-40 to 125	SOT23-5
RS8905-Q1	2	0.4	(V-)-0.1~(V+)+0.1	1.4~5.5	3.5	15	31	240	260	Push-Pull	-40 to 125	MSOP8
RS8907-Q1	1	0.4	(V-)-0.1~(V+)+0.1	1.4~5.5	3.5	9	21	240	260	Push-Pull	-40 to 125	SOT23-5
RS8940-Q1 *	1	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	SOT23-5
RS8942-Q1 *	2	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	SOP8,MSOP8
RS8944-Q1	4	30	(V-)-0.2~(V+)+0.2	1.8~5.5	2.0	100	150	/	3	Open-Drain	-40 to 125	TSSOP14

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模拟开关
Analog Switches

Part Number	Channel	Type	R_{ON} (@5V) (Ω)	-3dB Bandwidth (MHz)	Vcc (Min) (V)	Vcc (Max) (V)	Iq (μA)	V_{INH}(Min) (@5V) (V)	V_{INL}(Max) (@5V) (V)	t_{ON} (@5V) (ns)	t_{OFF} (@5V) (ns)	Operating Temperature Range (°C)	Package
RS2057A-Q1	1	1:2	4.5	340	1.65	5.5	1	0.7Vcc	0.3Vcc	4	3.5	-40 to 125	SOT23-6,SC70-6
RS2166A-Q1	1	1:1	4.5	300	1.8	5.5	1	0.7Vcc	0.3Vcc	4	3.5	-40 to 125	SC70-5
RS74LVC2G3157-Q1 *	2	1:2	4.5	340	1.65	5.5	1	0.7Vcc	0.3Vcc	4	3.5	-40 to 125	MSOP10
RS2233-Q1	4	1:2	8	220	1.8	5.5	1	2.0	0.5	13	30	-40 to 125	TSSOP16
RS2251-Q1	1	1:8	48	180	2.5	5.5	3	1.7	0.5	65	150	-40 to 125	TSSOP16
RS2260-Q1	1	1:8	105	150	2	6	/	3.5	1.5	14.5	121.5	-40 to 125	TSSOP16,QFN2.5X3.5-16
RMUX1308-Q1	1	1:8	85	180	1.6	5.5	1	1.4	0.9	33	33	-40 to 125	TSSOP16,QFN2.5X3.5-16
RMUX1309-Q1	2	1:4	95	220	1.6	5.5	1	1.4	0.9	35	35	-40 to 125	TSSOP16,QFN2.5X3.5-16

GPIO/I2C Expander/Buffer
GPIO/I2C Expander/Buffer

Part Number	Function	Interface	Feature	Vcc (Min) (V)	Vcc (Max) (V)	I2C Rate (Max) (kbps)	ICC (mA)	ESD HBM (kV)	ESD CDM (kV)	Operating Temperature Range (°C)	Package
RS29539-Q1	GPIO Expander	I2C and SMBus	Interrupt Output/Reset	1.65	5.5	400	0.075	2.0	1	-40 to 125	TSSOP24, QFN4X4-24

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时钟和计时器
Clock & Timing

Part Number	Function	Vcc (Min) (V)	Vcc (Max) (V)	Iq (Typ) (mA)	Output Frequency (Max) (MHz)	Output Current (Source) (mA)	Output Current (Sink) (mA)	Output Type	Operating Temperature Range (°C)	Package
RS555-Q1	General-purpose timer	4.5	16	0.24	6	10	100	CMOS	-40 to 125	SOP8

并联电压基准源
Shunt Voltage References

Part Number	VREF (V)	Voltage Tolerance	V_{KA} (V)	I_{REF} (Max,μA)	I_{KA} (Min, mA)	Temperature Coefficient	Operating Temperature Range (°C)	Package
RS431-Q1	2.5	0.5%	2.5~32	4	0.5	50ppm/°C	-40 to 125	SOT23
RS432-Q1	2.5	0.5%	2.5~32	4	0.5	50ppm/°C	-40 to 125	SOT23

串联电压基准源
Series Voltage References

Part Number	VREF (V)	Voltage Tolerance	Temperature Coefficient (Max)	Iout (Max,mA)	Quiescent Current (μA)	LFN 0.1 to 10 Hz (typ) (μVPP/V)	Operating Temperature	Package
RS3112-Q1	1.25,2.048,2.5,3.0,3.3,4.096	0.1%	20ppm/°C	10	150	35	-40 to 125	SOT23
RS34xx-Q1	1.2,1.25,1.8,2.048,2.5,3.0,3.3,4.096,4.5,5.0	0.05%	10ppm/°C	10	150	8	-40 to 125	SOT23-6

线性稳压器
Linear Regulator

Part Number	Input Voltage Range (V)	Output Current (mA)	Ground Current (No Load) (μA)	Dropout Voltage @IOUT=Full current/Vout=3.3V (mV)	PSRR @1kHz (dB)	Output current Noise (μVRMS)	VOUT (V)	Features	Operating Junction Range (°C)	Package
RS3009-Q1*	4.5~60	100	32	240	63	400	3.3/5.0	AEC-Q100,Enable Input	-40 to 150	SOT23-3,SOT23-5,SOT223
RS3010-Q1*	4~40	150	8.5	280(0.2A/>4V)	78@100Hz	/	Adj(1.5V~40)	AEC-Q100,Tracking LDO, Ultra-Low IQ,Enable Input	-40 to 150	ESOP8
RS3011-Q1	4~40	300	8.5	280(0.2A/>4V)	78@100Hz	/	Adj(1.5V~40)	AEC-Q100,Tracking LDO, Ultra-Low IQ,Enable Input	-40 to 150	ESOP8
RS3012-Q1*	4~40	400	8.5	280(0.2A/>4V)	78@100Hz	/	Adj(1.5V~40)	AEC-Q100,Tracking LDO, Ultra-Low IQ,Enable Input	-40 to 150	TO252-4,TO263-5
RS3014-Q1*	3~45	150	3	575	58	120	2.5/3.3/5.0	AEC-Q100,Ultra-Low IQ	-40 to 150	SOT23-3,SOT23-5,SOT-223
RS3015-Q1	3~45	300	3	1150	58	120	2.5/3.3/5.0	AEC-Q100,Ultra-Low IQ, Enable Input	-40 to 150	SOT23-5,EMSOP8, SOT-223,DFN2X2-6
RS3017-Q1*	3~40	300	7	460	53	80	3.3/5.0/Adj(1.25V~15V)	Low IQ,Enable Inpu,Low Dropout, PG,Programmable PG Delay	-40 to 150	ESOP8,SOT89-3
RS3027-Q1*	3~40	300	7	460	53	80	1.8/2.5/3.0/3.3/5.0/Adj(1.25V~24V)	Low IQ,Enable Inpu,Low Dropout, PG,Programmable PG Delay	-40 to 150	EMSOP8
RS3215-Q1	2.7~6.5	500	45	250	64	11xVOUT	1.8,3.3,ADJ	AEC-Q100,Fast Start-Up,Fast Response, High Output Accuracy: ±0.75%	-40 to 150	SOT23-5, DFN2X2-6, DFN3X3-8

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电压检测和复位
Supervisor&Reset ICs

Part Number	Quiescent Current (μA)	Manual Reset	Vcc (V)	Detect Threshold	Watchdog Timer	Vcc to Reset Delay (μs)	Reset Active Timeout Period (ms)	Reset Output	Package
RS706-Q1	20	Yes	1.2~5.5	2.93	1.6s	33	200	Low	SOP8
RS806-Q1	20	Yes	1.2~5.5	3.08	1.6s	33	200	Low	SOT23-5

LED驱动
LED Driver

Part Number	Function	Quiescent Current (mA)	Input Voltage Range (V)	Open LED Protection (V)	ILIM (A)	Switching Frequency (KHz)	Operating Temperature Range (°C)	Package
RS3700-Q1	High-Side LED Driver Thermal Sharing	1	0.45	4.5~40	Yes	0.5	-40 to 150	EMSOP-8
RS3702-Q1	High-Side LED Driver Thermal Sharing	3	1.3	4.5~40	Yes	0.2	-40 to 150	ETSSOP16
RS3703-Q1	High-Side LED Driver Thermal Sharing Off-Board Binning	3	1.5	4.5~40	Yes	0.15	-40 to 150	ETSSOP20

电平转换器
Level Shifters

Part Number	Translators per Package	Data Rate (Mbps)	V_{CCA} Range (V)	V_{CCB} Range (V)	Direction	VCC Shutdown I/O State	Icc Max (μA)	Shutdown Icc Max (μA)	Logic Output	Features	Package
RS0102-Q1	2	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	13	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	VSSOP8
RS0104-Q1	4	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	15	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	UQFN2X1.7-12,TSSOP14, QFN3.5X3.5-14
RS0108-Q1	8	24/2	1.65~5.5	2.3~5.5	Bidirectional	Hi-Z	30	1	Open-Drain/Push-Pull	GPIO/I2C Level Shifter	TSSOP20
RS0204A-Q1	4	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	UQFN2X1.7-12,TSSOP14,QFN3.5X3.5-14
RS0208A-Q1	8	100	1.2~3.6	1.65~5.5	Bidirectional	Hi-Z	10	1	Push-Pull	GPIO Level Shifter	TSSOP20
RS0302-Q1	2	100	1.0~5.5	1.8~5.5	Bidirectional	Hi-Z	/	5	Open-Drain	I2C & SMBus Level Shifter	VSSOP8
RS1T45-Q1	1	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	4	/	Push-Pull	GPIO Level Shifter	SC70-6
RS2T45-Q1	2	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	4	/	Push-Pull	GPIO Level Shifter	VSSOP8
RS4T245-Q1	4	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	20	/	Push-Pull	GPIO Level Shifter	QFN2.5x3.5-16
RS74AVCH4T245-Q1	4	380	1.2~3.6	1.2~3.6	Configurable	Hi-Z	10	/	Push-Pull	GPIO Level Shifter	QFN2.5x3.5-16
RS4T774-Q1*	4	200	1.1~3.6	1.1~3.6	Configurable	Hi-Z	30	1	Push-Pull	GPIO Level Shifter	QFN2.6X1.8-16
RS8T245A-Q1	8	200	1.65~5.5	1.65~5.5	Configurable	Hi-Z	25	/	Push-Pull	GPIO Level Shifter	TSSOP24,QFN5.5X3.5-24

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逻辑
Logic Series

Part Number	VCC Range (V)	Features	Package
RS1G00-Q1	1.65~5.5	Single Channel 2-Input NAND Gate	SC70-5
RS74LVC2G00-Q1*	1.65~5.5	Dual Channel 2-Input NAND Gate	VSSOP8,MSOP8
RS4G00-Q1	2.0~5.5	Quad Channel 2-Input NAND Gate	SOP14,TSSOP14
RS1G04-Q1	1.65~5.5	Single Channel Inverter	SC70-5
RS2G04-Q1	1.65~5.5	Dual Channel Inverter	SC70-6
RS1G07-Q1	1.65~5.5	Single Channel Non-inverting Buffer , Open-drain Output	SC70-5
RS1G08-Q1	1.65~5.5	Single 2-Input Positive-AND Gate	SOT23-5,SC70-5
RS1GT08-Q1	2.0~5.5	Single Channel 2-Input AND Gate,TTL Input	SC70-5
RS74LVC2G08-Q1*	1.65~5.5	Dual Channel 2-Input Positive-AND Gate	VSSOP8,MSOP8
RS4G08-Q1	1.65~5.5	Quad Channel 2-Input AND Gate	SOP14,TSSOP14, QFN2.5*3
RS4GT08-Q1	2.0~5.5	Quad Channel 2-Input AND Gate,TTL Input	TSSOP14
RS1G09-Q1	1.65~5.5	Single Channel AND Gate ,open-drain output	SC70-5
RS1G11-Q1	1.65~5.5	Single 3-Input Positive-AND Gate	SC70-6
RS3G11-Q1	1.65~5.5	Triple 3-Input Positive-AND Gate	TSSOP14
RS1G14-Q1	1.65~5.5	Single Schmitt-Trigger Inverter	SC70-5
RS2G14-Q1	1.65~5.5	Dual Schmitt-Trigger Inverter	SC70-6
RS74LVC14-Q1*	1.65~5.5	Six Channel Schmitt-Trigger Inverter	SOP14,TSSOP14
RS1G17-Q1	1.65~5.5	Single Schmitt-Trigger Buffer	SC70-5
RS2G17-Q1	1.65~5.5	Dual Channel Schmitt-Trigger Buffer	SC70-6
RS1G32-Q1	1.65~5.5	Single 2-Input Positive-OR Gate	SOT23-5,SC70-5
RS4G32-Q1	1.65~5.5	Quad Channel 2-input OR Gate	SOP14,TSSOP14
RS4GT32-Q1	1.65~5.5	Quad Channel 2-input OR Gate,TTL Input	TSSOP14,QFN2.5*3

Part Number	VCC Range (V)	Features	Package
RS2G34-Q1	1.65~5.5	Dual Channel Buffer Gate	UDFN1.45X1-6
RS1G125-Q1	1.65~5.5	Single Active-Low Bus Buffer Gate ,3-State Output	SC70-5
RS4G125-Q1	1.65~5.5	Quad Active-Low Bus Buffer Gate, 3-State Output	TSSOP14
RS1G126-Q1	1.65~5.5	Single Active-High Bus Buffer Gate , 3-State Output	SC70-5
RS4G126-Q1	1.65~5.5	Quad Active-High Bus Buffer Gate, 3-State Output	SOP14,TSSOP14
RS1G74-Q1	1.65~5.5	Single Positive-Edge-Triggered D-Type Flip-Flop	VSSOP8
RS1G79-Q1	1.65~5.5	Single D-type flip-flop; positive-edge trigger	SC70-5
RS1G175-Q1	1.65~5.5	Single Positive-Edge-Triggered D-Type Flip-Flop	SC70-6
RS1G373-Q1	1.65~5.5	Single D-type transparent latch; 3-state	SC70-6
RS244-Q1	1.65~5.5	Octal Buffer/Driver , 3-State Outputs for automobile	TSSOP20
RS244S-Q1	1.65~5.5	Octal Buffer/Driver , 3-State Outputs for automobile	TSSOP20
RS245S-Q1	1.65~5.5	Octal Buffer/Driver , 3-State Outputs for automobile	TSSOP20
RS244T-Q1	4.5~5.5	TTL input, Octal Buffer/Driver ,3-State Outputs	TSSOP20
RS4538-Q1	2.3~6.0	Dual Retriggerable Precision Monostable Multivibrator	TSSOP16
RS541T-Q1	2.0~5.5	TTL input ,Octal Buffers and Line Drivers ,3-State Outputs	TSSOP20
RS573-Q1	1.65~5.5	Octal D-type transparent Latch ,3-State Outputs	TSSOP20
RS595-Q1	2.0~5.5	8-Bit Shift Registers , 3-State Output	SOP16,TSSOP16
RS595T-Q1	2.0~5.5	8-Bit Shift Registers , 3-State Output, TTL Input	TSSOP16
RS74HC74-Q1	1.65~5.5	Dual Positive-Edge-Triggered D-Type Flip-Flop	SOP14,TSSOP14

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