

REASUNOS

Your Professional Semiconductor Partner

REASUNOS

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REASUNOS Semiconductor

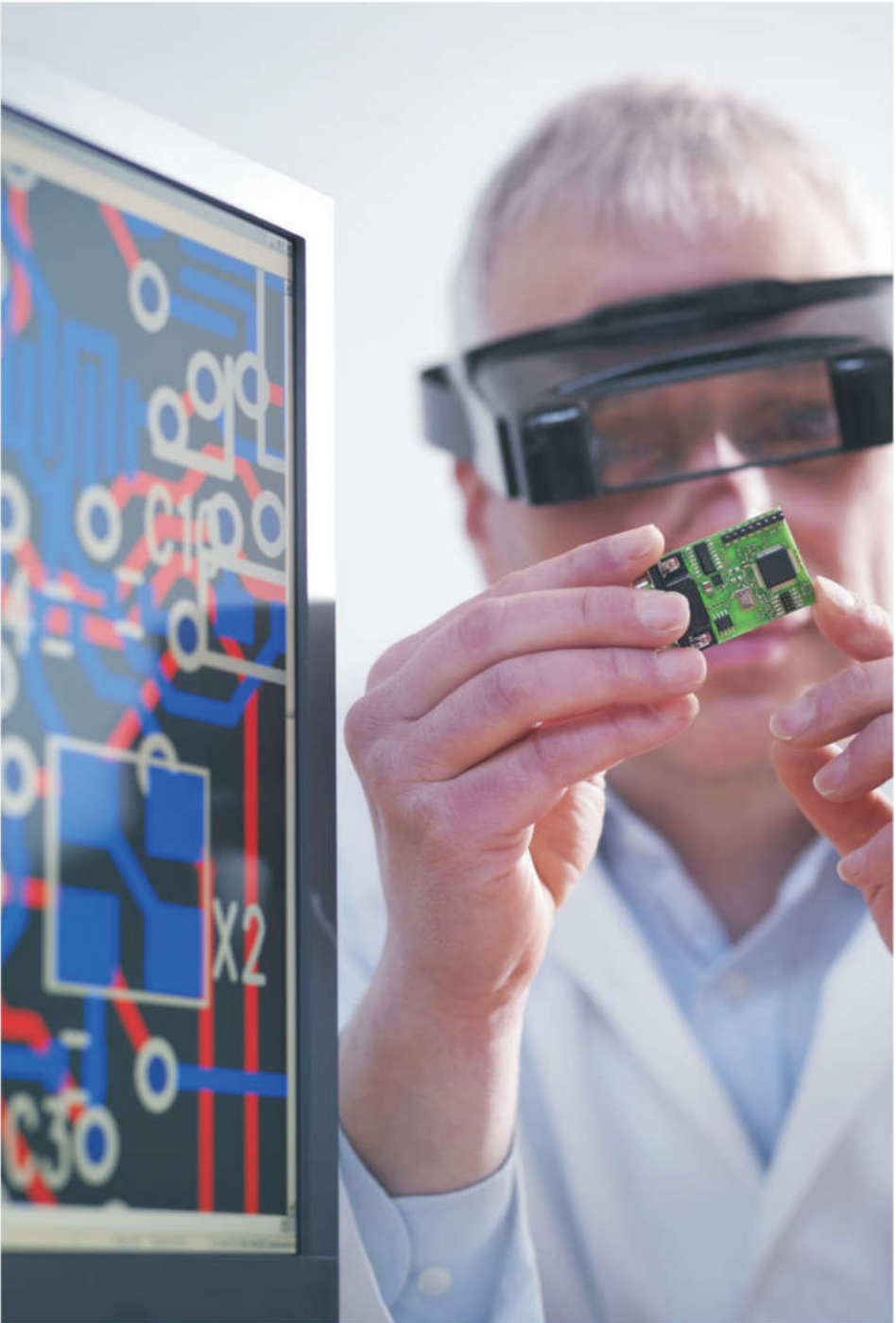
Reasunos Semiconductor Technology Ltd is a Taiwan-background power semiconductor enterprise which specializing in product design, manufacturing and marketing. The company has lots of innovators and professionals comes from well-known companies home and abroad.

Our core power management products are including High Voltage MOSFET, Super Junction MOSFET, Ultrahigh Voltage MOSFET, Low Voltage MOSFET, SiC Schottky Rectifier, IGBT, Diode and Transistor, Bridge Rectifier, SCR etc.

With strong research&design experience and manufacturing capacity , Reasunos can provide more than 5 billions of semiconductor products with excellent performance every year. To ensure the product profession and stable, Reasunos had established strict and completed quality management system, and obtained the certification such as ROHS、REACH、SGS etc.

"To Achieve The Success For Customer" is Reasunos' business principle. We always insist on collecting customer's requirement, with our continuously develop and innovation experiences, we can provide customers more green, energy conservation and efficient power semiconductor and system solutions, aim to be the strong backup for customer's success.

Looking forward to the future, Reasunos will connect the market trend closely, develop more competitive power discrete, IC and system solutions for our customers.



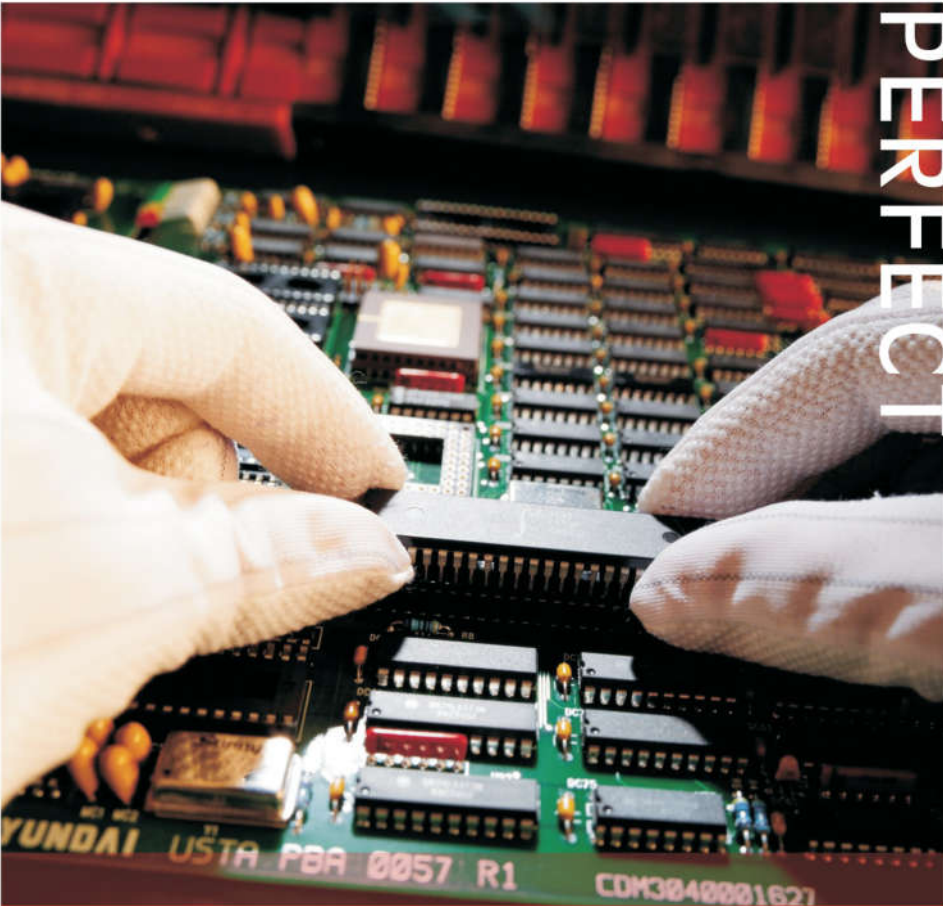
VISION

Reasunos Concept

Develop creative and technical innovation
Continuous improvement
Value-added customer service
Ensure customer satisfaction

Reasunos Vision

To be a reliable strategic partner
To be a top semiconductor enterprise around the world
Create prosperity for society



PERFECT

Continuous R&D Innovations
Achieve the leader-ship of the world

MOSFET

Advantages: Low Rdson, Sufficient Margin, Better Junction Capacitor, High Thermal Performance, Both Planar And Trench Process

Applications: Indust Switching Power Supplies, frequency Transformers, servo Motor Drives, Stepper Motor Drives, Power Tools, led Drivers, ballasts, automotive Electronics, charger, Small Household Appliances, emergency Lights



Serial	Model	TYPE	ID	VGS	VDSS	RDS(on)	Package	MOQ/PCS
1	RS2N60F	N-ch	2A	±30V	600V	3.7Ω	TO-220F	1000
2	RS2N60M	N-ch	2A	±30V	600V	3.7Ω	TO-251	4680
3	RS2N65F	N-ch	2A	±30V	650V	4.1Ω	TO-220F	1000
4	RS4N60D	N-ch	4A	±30V	600V	2.0Ω	TO-252	2500
5	RS4N60F	N-ch	4A	±30V	600V	2.0Ω	TO-220F	1000
6	RS4N60M	N-ch	4A	±30V	600V	2.0Ω	TO-251	4680
7	RS4N60MD	N-ch	4A	±30V	600V	2.0Ω	TO-251	4680
8	RS4N65M	N-ch	4A	±30V	650V	2.3Ω	TO-251	4680
9	RS4N65F	N-ch	4A	±30V	650V	2.3Ω	TO-220F	1000
10	RS4N65D	N-ch	4A	±30V	650V	2.3Ω	TO-252	2500
11	RS4N70F	N-ch	4A	±30V	700V	2.5Ω	TO-220F	1000
12	RS830F	N-ch	5A	±30V	500V	1.2Ω	TO-220F	1000
13	RS5N60F	N-ch	5A	±30V	600V	1.88Ω	TO-220F	1000
14	RS5N60D	N-ch	5A	±30V	600V	1.88Ω	TO-252	2500
15	RS7N60F	N-ch	7A	±30V	600V	0.96Ω	TO-220F	1000
16	RS7N65F	N-ch	7A	±30V	650V	1.1Ω	TO-220F	1000
17	RS7N80F	N-ch	7A	±30V	800V	1.39Ω	TO-220F	1000
18	RS840F	N-ch	8A	±30V	500V	0.68Ω	TO-220F	1000
19	RS8N60F	N-ch	8A	±30V	600V	0.96Ω	TO-220F	1000
20	RS8N65F	N-ch	8A	±30V	650V	1.2Ω	TO-220F	1000
21	RS8N70F	N-ch	8A	±30V	700V	0.95Ω	TO-220F	1000
22	RS10N65F	N-ch	10A	±30V	650V	0.8Ω	TO-220F	1000
23	RS10N60F	N-ch	10A	±30V	600V	0.75Ω	TO-220F	1000
24	RS12N60F	N-ch	12A	±30V	600V	0.58Ω	TO-220F	1000
25	RS12N65F	N-ch	12A	±30V	650V	0.64Ω	TO-220F	1000
26	RS18N50F	N-ch	18A	±30V	500V	0.26Ω	TO-220F	1000
27	RS18N60F	N-ch	18A	±30V	600V	0.36Ω	TO-220F	1000
28	RS20N50F	N-ch	20A	±30V	500V	0.20Ω	TO-220F	1000
29	RS20N50P	N-ch	20A	±30V	500V	0.20Ω	TO-3P	330
30	RS20N60F	N-ch	20A	±30V	600V	0.28Ω	TO-220F	1000
31	RS20N60P	N-ch	20A	±30V	600V	0.28Ω	TO-3P	330



Super Junction MOSFET



Advantages: Extremely Low Rds(on), better junction capacitor, more efficient

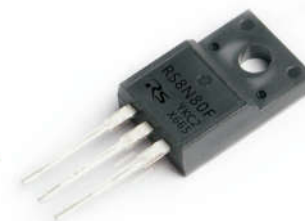
Applications: AC/DC switching power, PFC stages, Lighting, Server, Telecom, UPS, industrial application

Serial	Model	TYPE	ID	VDSS	RDS(ON) Typical	RDS(ON) MAX	Package
1	RSU2N60D	N-ch	2.0A	600V	1.2Ω	1.4Ω	TO-252
2	RSU4N60D	N-ch	4.0A	600V	0.82Ω	0.95Ω	TO-252
3	RSU4N60F	N-ch	4.0A	600V	0.82Ω	0.95Ω	TO-220F
4	RSU4N65F	N-ch	4.0A	650V	0.95Ω	1.2Ω	TO-220F
5	RSU6N60D	N-ch	6.0A	600V	0.6Ω	0.75Ω	TO-252
6	RSU6N60F	N-ch	6.0A	600V	0.6Ω	0.75Ω	TO-220F
7	RSU7N60D	N-ch	7.0A	600V	0.53Ω	0.58Ω	TO-252
8	RSU7N60F	N-ch	7.0A	600V	0.53Ω	0.58Ω	TO-220F
9	RSU7N65F	N-ch	7.0A	650V	0.66Ω	0.77Ω	TO-220F
10	RSU11N60F	N-ch	11A	600V	0.30Ω	0.36Ω	TO-220F
11	RSU11N65F	N-ch	11A	650V	0.37Ω	0.44Ω	TO-220F
12	RSU20N60F	N-ch	20A	600V	0.16Ω	0.19Ω	TO-220F
13	RSU47N60P	N-ch	47A	600V	0.068Ω	0.081Ω	TO-247
14	RSU76N60P	N-ch	76A	600V	0.036Ω	0.042Ω	TO-247

Remark: Not all the products are listed, Please contact us if you have any other specification.



Ultrahigh Voltage MOSFET



Advantages: Extremely Low Rds(on), better junction capacitor, more efficient

Applications: AC/DC switching power, LED lighting, industrial application, electric power system

Serial	Model	TYPE	ID	VDSS	RDS(ON) Typical	RDS(ON) MAX	Package
1	RS4N70F	N-ch	4.0A	700V	2.5Ω	2.7Ω	TO-220F
2	RS6N70M	N-ch	6.0A	700V	1.35Ω	1.7Ω	TO-251
3	RS6N70F	N-ch	6.0A	700V	1.35Ω	1.7Ω	TO-220F
4	RS8N70F	N-ch	8.0A	700V	0.95Ω	1.2Ω	TO-220F
5	RS10N70F	N-ch	10A	700V	0.90Ω	1.2Ω	TO-220F
6	RS3N80F	N-ch	3.0A	800V	3.8Ω	4.8Ω	TO-220F
7	RS4N80D	N-ch	4.0A	800V	3.3Ω	3.8Ω	TO-252
8	RS4N80F	N-ch	4.0A	800V	3.3Ω	3.8Ω	TO-220F
9	RS7N80F	N-ch	7.0A	800V	1.39Ω	1.55Ω	TO-220F
10	RS8N80F	N-ch	8.0A	800V	1.42Ω	1.6Ω	TO-220F
11	RS10N80F	N-ch	10A	800V	0.92Ω	1.15Ω	TO-220F

Remark: Not all the products are listed, Please contact us if you have any other specification.



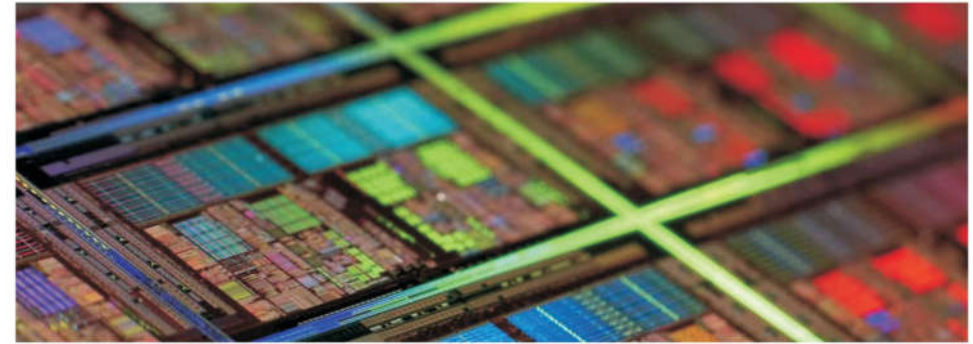
Low Voltage MOSFET

Advantages: Extremely Low Rdson, better junction capacitor, more efficient

Applications: Adapter, Quick charger, Car charger, synchronous rectification, Lithium battery protection



Serial	Model	TYPE	ESD	BVDS (min)	VGS (V)	ID(A)	RDS(ON)(Typ.mΩ)			Package
						25°C	10V	4.5V	2.5V	
1	RS20P07H	P	X	-20	±12	-7	-	35	-	SOP-8
2	RS2301	P	X	-20	±8	-4	-	80	120	SOT-23
3	RS3407	P	X	-30	±20	-6	52	72	-	SOT-23
4	RS8810D	N	Y	16	±8	7	-	8	-	SOT-23
5	RS20N11H	N	Y	20	±20	11	-	6	-	SOP-8
6	RS20N07HA	N	Y	20	±8	7	-	12	-	SOP-8
7	RS20N04E	N	X	20	±10	4	-	35	-	SOT-23
8	RS30N50D	N	X	30	±20	50	8	12	-	TO-252
9	RS30N07H	N	X	30	±20	7	23	32	-	SOP-8
10	RS30N90T	N	X	30	±20	90	5	-	-	TO-220
11	RS30N100T	N	X	30	±20	100	5	-	-	TO-220
12	RS40N08D	N	X	40	±20	8	16	-	-	TO-252
13	RS60N80D	N	X	60	±20	80	6	8	-	TO-220
14	RS60N50M	N	X	60	±20	50	15	-	-	TO-251
15	RS70N80T	N	X	70	±20	80	7	-	-	TO-220
16	RS75N75T	N	X	75	±20	75	7.5	-	-	TO-220
17	RS80N70T	N	X	80	±20	70	8	-	-	TO-220
18	RS100N130T	N	X	100	±20	130	6	-	-	TO-220
19	RS100N65T	N	X	100	±20	65	12	-	-	TO-220
20	RS100N14T	N	X	100	±20	14	8.8	-	-	TO-220
21	RS100N04B	N	Y	100	±10	4	-	300	-	TO-92
22	RS150N104TB	N	X	150	±20	104	12	-	-	TO-220
23	RS150N104TA	N	X	150	±20	104	12	-	-	TO-220
24	RS150N02C	N	Y	150	±10	2	-	800	-	SOT-223
25	RS200N60T	N	X	200	±20	60	30	-	-	TO-220
26	RS200N01B	N	Y	200	±10	1	-	1600	-	TO-92
27	RS250N40T	N	X	250	±20	40	50	-	-	TO-220



SiC Schottky Rectifier

Advantages: Zero reverse recovery current, High temperature operation, High frequency

Applications: PFC, Solar/wind Inverters, Industrial Motor Drivers, Charge Block for Electrical Cars, Electrical Household Appliances, UPS



Serial	Model	Electrical Characteristics(TA=25°C)				Package
		Forward Voltage	Forward Current	Reverse Current	Reverse Voltage	
		VF(V) Typ.	IF(A)	IR(μA)	VR(V)	
1	RSS04060A	1.55	4	10	600	TO-220-2
2	RSS05060A	1.4	5	5	600	TO-220-2
3	RSS10060A	1.5	10	20	600	TO-220-2
4	RSS10060P	1.5	2*5=10	10	600	TO-247
5	RSS20060A	1.7	20	30	600	TO-220-2
6	RSS20060P	1.42	2*10=20	23	600	TO-247
7	RSS30060A	1.75	30	50	600	TO-220-2
8	RSS06065A	1.41	5	10	650	TO-220-2
9	RSS05065A	1.55	5	10	650	TO-220-2
10	RSS09065A	1.4	8.5	5	650	TO-220-2
11	RSS09065D	1.4	8.5	5	650	TO-252
12	RSS10065A	1.5	10	10	650	TO-220-2
13	RSS20065A	1.7	20	30	650	TO-220-2
14	RSS20065P	1.5	14	10	650	TO-247
15	RSS30065A	1.75	30	50	650	TO-220-2
16	RSS02120D	1.62	2	20	1200	TO-252
17	RSS09120A	1.45	8.5	20	1200	TO-220-2
18	RSS09120D	1.45	8.5	20	1200	TO-252
19	RSS10120A	1.63	10	20	1200	TO-220-2
20	RSS10120P	1.45	2*8=16	20	1200	TO-247
21	RSS20120A	1.6	20	50	1200	TO-220-2
22	RSS20120P	1.63	2*10=20	50	1200	TO-247
23	RSS40120P	1.5	2*20=40	50	1200	TO-247



General Purpose Rectifier Diode

Advantages: Small Leakage, High Breakdown Voltage

Applications: IPAD Chargers, Small Household Appliances, Power Supplies, LED Drivers, PC Power Supplies, Electrical Tools, Ballasts



IF		Reverse Breakdown Voltage									
		50V	100V	200V	300V	400V	500V	600V	800V	1000V	Package
Average Forward Current	1.0A	M1	M2	M3		M4		M5	M6	M7	SMA
		S1A	S1B	S1D		S1G		S1J	S1K	S1M	SOD-123
		1A1	1A2	1A3		1A4		1A5	1A6	1A7	R-1
		1N4001	1N4002	1N4003		1N4004		1N4005	1N4006	1N4007	DO-41
		1N4001S	1N4002S	1N4003S		1N4004S		1N4005S	1N4006S	1N4007S	A-405
	1.5A	SM4001	SM4002	SM4003		SM4004		SM4005	SM4006	SM4007	LL-34
		1N5391	1N5392	1N5393	1N5394	1N5395	1N5396	1N5397	1N5398	1N5399	DO-15
		GP15A	GP15B	GP15D		GP15G		GP15J	GP15K	GP15M	DO-15
	2.0A	RL201	RL202	RL203		RL204		RL205	RL206	RL207	DO-15
		S2A	S2B	S2D		S2G		S2J	S2K	S2M	SMB
	2.5A	RL251	RL252	RL253		RL254		RL255	RL256	RL257	DO-15
	3.0A	1N5400	1N5401	1N5402	1N5403	1N5404	1N5405	1N5406	1N5407	1N5408	DO-201AD
		S3A	S3B	S3D		S3G		S3J	S3K	S3M	SMC
	5.0A	5A05	5A1	5A2		5A4		5A6	5A8	5A10	DO-201AD
	6.0A	6A05	6A1	6A2		6A4		6A6	6A8	6A10	R-6
	10.0A	10A05	10A1	10A2		10A3		10A6	10A8	10A10	R-6

Fast Recovery Diode

Advantages: High Frequency, Cost-Effective

Applications: Power Supplies, LED Drivers, Battery Chargers



Reverse Breakdown Voltage									Package
	IF	50v	100v	200v	400v	600v	800v	1000v	
Average Forward Current	1.0A	1N4933	1N4934	1N4935	1N4936	1N4937			DO-41
					BA157	BA158	BA159D	BA159	DO-41
		RS07A	RS07B	RS07D	RS07G	RS07J	RS07K	RS07M	SOD-123
		RS1A	RS1B	RS1D	RS1G	RS1J	RS1K	RS1M	SMA
		FR101	FR102	FR103	FR104	FR105	FR106	FR107	DO-41
	1.5A	FR151	FR152	FR153	FR154	FR155	FR156	FR157	DO-15
	2.0A	FR201	FR202	FR203	FR204	FR205	FR206	FR207	DO-15
	2.5A	FR251	FR252	FR253	FR254	FR255	FR256	FR257	DO-15
	3.0A	FR301	FR302	FR303	FR304	FR305	FR306	FR307	DO-201AD
	5.0A	FR501	FR502	FR503	FR504	FR505	FR506	FR507	DO-201AD
	6.0A	FR601	FR602	FR603	FR604	FR605	FR606	FR607	R-6

High Efficiency Rectifiers

Advantages: GPP Chip, High Reliability, Small Leakage, Can Handle High Application Temperature

Applications: Power Supplies, LED Drivers, PC Power supplies, Chargers



Reverse Breakdown Voltage								800V	1000V	Package
	IF	50V	100V	200V	300V	400V	600V			
Average Forward Current	1.0A	HER101	HER102	HER103	HER104	HER105	HER106	HER107	HER108	DO-41
		US1A	US1B	US1D		US1G	US1J	US1K	US1M	SMA
		U1A	U1B	U1D		U1G	U1J	U1K	U1M	SOD-123
	2.0A	HER201	HER202	HER203	HER204	HER205	HER206	HER207	HER208	DO-15
		US2A	US2B	US2D		US2G	US2J	US2K	US2M	SMB
	3.0A	HER301/US3A	HER302/US3B	HER303/US3D	HER304	HER305/US3G	HER306/US3J	HER307/US3K	HER308/US3M	DO-201AD/SMC
	4.0A		MUR410	MUR420		MUR440	MUR460	MUR480	MUR4100	DO-201AD
	5.0A	HER501	HER502	HER503	HER504	HER505	HER506	HER507	HER508	DO-201AD
		US5A	US5B	US5D		US5G	US5J	US5K	US5M	SMC
	10A	MUR1005	MUR1010	MUR1020		MUR1040	MU1060			TO-220C/AF/AB
	16A	MUR1605	MUR1610		MUR1630	MUR1640				TO-220F/AB

Super Fast Rectifiers

Advantages:GPP Chip,High Reliability, Small Leakage,can handle high application temperature
Applications: Power Supplies,LED Drivers,Adapters



Reverse Breakdown Voltage									
	IF	50V	100V	150V	200V	300V	400V	600V	Package
Average Forward Current	1.0A	SF11	SF12	SF13	SF14	SF15	SF16	SF18	DO-41
		ES1A	ES1B	ES1C	ES1D	ES1E	ES1G	ES1J	SMA
	2.0A	SF21/ES2A	SF22/ES2B	SF23/ES2C	SF24/ES2D	SF25/ES2E	SF26/ES2G	SF28/ES2J	DO-15/SMB
	3.0A	SF31	SF32	SF33	SF34	SF35	SF36	SF38	DO-201AD
		ES3A	ES3B	ES3C	ES3D	ES3E	ES3G	ES3J	SMC
	5.0A	SF51/ES5A	SF52/ES5B	SF53/ES5C	SF54/ES5D	SF55/ES5E	SF56/ES5G	SF58/ES5J	DO-201AD/SMC

Small Signal Switching Diode

Advantages: High frequency,Products In Full Compliance With POHS Environmental Product Standards
Applications: Power Supplies,Security Products

Reverse Breakdown Voltage		
		100V
Average Forward Current	200mA	1N4148 DO-35
	200mA	LL4148 LL-34
	150mA	1N4148W SOD-123
	150mA	1N4148WS SOD-323
	125mA	1N4148WT SOD-523
	200mA	MCL4148 MicroMELF



Silicon Epitaxial Planar Switching Diode

Average Forward Current		BAV99 SOT-23
		BAV70 SOT-23
		BAV17 BAV18 BAV19 BAV20 BAV21
		MMBD4148 SOT-23
		MMBD4148A SOT-23
		MMBD4148CA SOT-23
		MMBD4148SE SOT-23
		BAT54 SOT-23
		BAT54A SOT-23
		BAT54C SOT-23
		BAT54S SOT-23



Schottky Diodes

Advantages: Low, Small Leakage, Antistatic
Applications: Display Power Supplies, Notebook Power Supplies, Various Power Chargers, Security Monitoring Products



	IF	20V	30V	40V	60V	100V	150V	200V	Package
Average Forward Current	1.0A	1N5817	1N5818	1N5819					DO-41
		SR120	SR130	SR140	SR160	SR1100			DO-41
	2.0A	SR220	SR230	SR240	SR260	SR2100	SR2150	SR2200	DO-15
	3.0A	1N5820	1N5821	1N5822					DO-27
		SR320	SR330	SR340	SR360	SR3100	SR3150	SR3200	DO-27
	5.0A	SR520	SR530	SR540	SR560	SR5100	SR5150	SR5200	DO-27

IF		Reverse Breakdown Voltage						
		20V	40V	60V	100V	150V	200V	Package
Average Forward Current	1.0A	SS12	SS14	SS16	SS110	SS150	SS120	SMA
	2.0A	SS22	SS24	SS26	SS210	SS215	SS220	SMA
		SS22	SS24	SS26	SS210	SS215	SS220	SMB
	3.0A	SS32	SS34	SS36	SS310	SS315	SS320	SMA
		SS32	SS34	SS36	SS310	SS315	SS320	SMB
		SS32	SS34	SS36	SS310	SS315	SS320	SMC

LOW VF Schottky Diodes

Advantages: Low VF, Small Leakage, Antistatic

Applications: Display Power Supplies, Notebook Power Supplies, Various Power Chargers, Security Monitor



Part No.	IO(A)	VR(V)	VF(Max) @ 25°C		IR(Max) @ 25°C		Package
			VFM(mV)	IFM(A)	IR(mA)	VR(V)	
RS5U45	5	45	435	5A @ 25°C	0.5	45V @ 25°C	TO-277
RS5U60	5	60	480	5A @ 25°C	0.5	60V @ 25°C	TO-277
RS8U45	8	45	470	8A @ 25°C	0.3	45V @ 25°C	TO-277
RS8U60	8	60	530	8A @ 25°C	0.6	60V @ 25°C	TO-277
RS10L45	10	45	530	10A @ 25°C	0.4	45V @ 25°C	TO-277
RS10U45	10	45	470	10A @ 25°C	0.3	45V @ 25°C	TO-277
RS10U50	10	50	470	10A @ 25°C	0.3	50V @ 25°C	TO-277
RS10U60	10	60	510	10A @ 25°C	0.5	60V @ 25°C	TO-277
RS10U100	10	100	700	10A @ 25°C	0.5	100V @ 25°C	TO-277
RS10L120	10	120	790	10A @ 25°C	0.1	120V @ 25°C	TO-277
RS10U120	10	120	730	10A @ 25°C	0.1	120V @ 25°C	TO-277
RS10U200	10	200	830	10A @ 25°C	0.1	200V @ 25°C	TO-277
RS12U120	12	120	800	12A @ 25°C	0.25	120V @ 25°C	TO-277
RS15L45	15	45	530	15A @ 25°C	0.5	45V @ 25°C	TO-277
RS15L50	15	50	550	15A @ 25°C	0.5	50V @ 25°C	TO-277
RS15U45	15	45	470	15A @ 25°C	0.3	45V @ 25°C	TO-277
RS15U50	15	50	470	15A @ 25°C	0.3	50V @ 25°C	TO-277
RS15U60	15	60	560	15A @ 25°C	0.5	50V @ 25°C	TO-277
RS20L50	20	50	550	20A @ 25°C	0.5	50V @ 25°C	TO-277
RS20U50	20	50	500	20A @ 25°C	0.5	50V @ 25°C	TO-277
RS20U60	20	60	530	20A @ 25°C	0.5	60V @ 25°C	TO-277
RS20U60	20	60	530	20A @ 25°C	0.5	60V @ 25°C	QFN5*6



Reasunos had established strict and completed quality management system to ensure the product quality.

Zener Diode

Advantages: High-Precision

Applications: Power Supplies, Security Products



Power dissipation	P/N	P/N	Voltage Range
500mW, 1/2W	BZX55C2V7~47V DO-35	MMSZ2V4-MMSZ75V SOD-123	2.7V~47V
500mW, 1/2W	BZV55C2V4~47V LL-34		2.4V~47V
1000mW, 1W	1N4729A~1N4756A DO-41		3.3V~100V
500mW	DL4728A~DL4764A LL-41		3.3V~100V
0.35W	BZX84C3V0~47V	MM3Z2V4-MM3Z75V SOD-323	3V0~47V

Through-hole Bridge Rectifier (THT type)

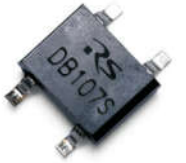
Advantages: High Reliability, Small Leakage, High Breakdown Voltage, Easy To Install And Cost-Effective

Applications: All Kinds Of Power Supplies



Reverse Breakdown Voltage									
	IF	50V	100V	200V	400V	600V	800V	1000V	Package
Average Forward Current	0.5A			MB2M	MB4M	MB6M	MB8M	MB10M	<u>MBM</u>
	1.0A	DB101	DB102	DB103	DB104	DB105	DB106	DB107	<u>DB</u>
		W005	W01	W02	W04	W06	W08	W10	<u>WOM</u>
	1.5A	DB151	DB152	DB153	DB154	DB155	DB156	DB157	<u>DB</u>
	2.0A	GBL201	GBL202	GBL203	GBL204	GBL205	GBL206	GBL207	<u>GBL</u>
		2W005	2W01	2W02	2W04	2W06	2W08	2W10	<u>WOM</u>
		KBP2005	KBP201	KBP202	KBP204	KBP206	KBP208	KBP210	<u>KBP</u>
	3.0A	KBP3005	KBP301	KBP302	KBP304	KBP306	KBP308	KBP310	<u>KBP</u>
	4.0A	KBJ4005	KBJ401	KBJ402	KBJ404	KBJ406	KBJ408	KBJ410	<u>KBJ</u>
		KBL4005	KBL401	KBL402	KBL404	KBL406	KBL408	KBL410	<u>KBL</u>
		GBU4005	GBU401	GBU402	GBU404	GBU406	GBU408	GBU410	<u>GBU</u>
	6.0A	KBJ6005	KBJ601	KBJ602	KBJ604	KBJ606	KBJ608	KBJ610	<u>KBJ</u>
		KBL6005	KBL601	KBL602	KBL604	KBL606	KBL608	KBL610	<u>KBL</u>
		GBU6005	GBU601	GBU602	GBU604	GBU606	GBU608	GBU610	<u>GBU</u>
	8.0A	GBU8005	GBU801	GBU802	GBU804	GBU806	GBU808	GBU810	<u>GBU</u>
		KBJ8005	KBJ801	KBJ802	KBJ804	KBJ806	KBJ808	KBJ810	<u>KBJ</u>
	10A	GBU10005	GBU1001	GBU1002	GBU1004	GBU1006	GBU1008	GBU1010	<u>GBU</u>
		KBJ10005	KBJ1001	KBJ1002	KBJ1004	KBJ1006	KBJ1008	KBJ1010	<u>KBJ</u>
	25A	KBPC25005	KBPC2501	KBPC2502	KBPC2504	KBPC2506	KBPC2508	KBPC2510	<u>KBPC</u>
	35A	KBPC35005	KBPC3501	KBPC3502	KBPC3504	KBPC3506	KBPC3508	KBPC3510	<u>KBPC</u>

Surface Mount Bridge Rectifier (SMT type)



Reverse Breakdown Voltage									
Part NO.	IF	50V	100V	200V	400V	600V	800V	1000V	Package
Average Forward Current	0.8A			MB2S	MB4S	MB6S	MB8S	MB10S	MBS
	1.0A			MB2S	MB4S	MB6S	MB8S	MB10S	MBS
	0.8A			MB2F	MB4F	MB6F	MB8F	MB10F	MBF
	1.0A			MB2F	MB4F	MB6F	MB8F	MB10F	MBF
	0.8A			ABS2	ABS4	ABS6	ABS8	ABS10	ABS
	1.0A			ABS2	ABS4	ABS6	ABS8	ABS10	ABS
	2.0A			ABS2	ABS4	ABS6	ABS8	ABS10	ABS
	1.0A	DB101S	DB102S	DB103S	SB104S	DB105S	SB106S	DB107S	DBS
	1.5A	DB151S	DB152S	DB153S	SB154S	DB155S	SB156S	DB157S	DBS
	2.0A	DB201S	DB202S	DB203S	SB204S	DB205S	SB206S	DB207S	DBS

SCR

Advantages: High Voltage, High Power

Applications: Dimmer Lights, Speed Fans, Air Conditioners, Refrigerators, Was Radio Remote Controls, Sound And Light Circuits



Model Parameter	Package	VDRM (V)	VRRM (V)	LT (AV)(V)	VGT (V)	LGT			VGT (V)
						VAK(V)	Min(uA)	Max(uA)	
BT136	TO-220	600	600	6	1.45	12		10000	1.7
BTB06	TO-220	610	610	10	1.45	12		25000	1.7
MAC97A6	TO-92	400	400	1	1.5	12		5000	1.9
MAC97A8	TO-92	600		1	1.5	12		5000	1.9
PCR0.6A	SOT-223	400		0.6	0.8	7	5	120	1.7
PCR0.6A	TO-92	400		0.6	0.8	7	5	120	1.7
MCR100-6	TO-92	400	400	0.8	0.8	7	5	120	1.7
MCR100-8	TO-92	600	600	0.8	0.8	7	5	200	1.7



Transistors

Advantages: NPN, PNP, small/medium/large power applications, low/high/super operation frequency

Applications: Lighting And Displays, automotive Electronics, power Supplies, Small Household Appliances, network Communications, consumer Electronics, security Products



Small Signal Transistors

	Package (Size)
PNP Silicon Transistors	
BC807-BC817	SOT-23
BC856-BC860	SOT-23
MMBT3906	SOT-23 TO-92
MMBT8550C/D	SOT-23 TO-92

NPN Silicon Transistors	Package (Size)
BC817-BC818	SOT-23
BC846-BC850	SOT-23
MMBT3904	SOT-23 TO-92
MMBT8050C/D	SOT-23 TO-92
MMBT2222A	SOT-23 TO-92
MMBT5551	SOT-23 TO-92
S9011LT1	SOT-23 TO-92
S9013LT1	SOT-23 TO-92
C1815	SOT-23 TO-92
C945	TO-92
A1015	TO-92
A733	TO-92
PNP Silicon Transistors	
2SA1013	TO-92L
2SA966	TO-92L
2SB647A	TO-92L
KTA1281	TO-92L
NPN Silicon Transistors	
2SD468	TO-92L
2SC1384	TO-92L
TIP112 NPN	TO-220
TIP122 NPN	TO-220
TIP31C NPN	TO-220
TIP32C PNP	TO-220
TIP41C NPN	TO-220
TIP42C PNP	TO-220
D882 NPN	TO-126
B772 PNP	TO-126



Voltage Regulators

Advantages: Precise Output Voltage, over Temperature, over-voltage, over-current Protection

Applications: Small Household Appliances, network Communications Equipment, Power Supply Equipment, power Supplies



TYPE	PD (mW)	IO (mA)	VI (V)	VIROC (V)	VO (V)	Iq (mA)	Package
T1117-1.5	1250	1000	17	3~10	1.485~1.515	10	SOT-223
T1117-1.8	1250	1000	17	3.2~10	1.782~1.818	10	SOT-223
T1117-2.5	1250	1000	17	3.9~10	2.475~2.525	10	SOT-223
T1117-3.3	1250	1000	17	4.75~10	3.267~3.333	10	SOT-223
T1117-ADJ	1250	1000	17	-	1.238~1.262	-	SOT-223

TYPE	PD (mW)	IO (mA)	VI (V)	VIROC (V)	VO (V)	Iq (mA)	Package
78D05	1250	1000	35	7.5~20	4.8~5.2	8	TO-252
78M05	1250	500	25	7~25	4.8~5.2	6	TO-252
78M06	1250	500	25	8~25	5.75~6.25	6	TO-252
78M08	1250	500	25	10.5~25	7.7~8.3	6	TO-252
78M09	1250	500	25	11.5~26	8.65~9.35	6	TO-252
78M12	1250	500	35	14.5~30	11.5~12.5	6	TO-252
78M15	1250	500	35	17.5~30	14.4~15.6	6	TO-252
U1117-1.5	1250	1000	17	3~10	1.485~1.515	10	TO-252
U1117-1.8	1250	1000	17	3.2~10	1.782~1.818	10	TO-252
U1117-2.5	1250	1000	17	3.9~10	2.475~2.525	10	TO-252
U1117-3.3	1250	1000	17	4.75~10	3.267~3.333	10	TO-252
U1117-5	1250	1000	17	6.5~12	4.95~5.05	10	TO-252
U1117-ADJ	1250	1000	17	-	1.238~1.262	-	TO-252



LEADING TECHNOLOGY

Reasunos continuously dedicates excellent and superior products to meet the needs of customers around the world relying on the world's leading Taiwanese semiconductor technologies, the full introduction of European advanced precision equipment, stringent quality control system and mature and efficient manufacturing process.

REASUNOS

TYPE	PD (mW)	IO (mA)	VI (V)	VIROC (V)	VO (V)	Iq (mA)	Package
78L05	500	100	30	7~20	4.8~5.2	6	SOT-89
78L06	500	100	30	8~20	5.75~6.25	6	SOT-89
78L08	500	100	30	10.5~23	7.7~8.3	6	SOT-89
78L09	500	100	30	11.5~24	8.64~9.36	6	SOT-89
78L12	500	100	35	14.5~27	11.5~12.5	6.5	SOT-89
78L15	500	100	35	17.5~30	14.4~15.6	6.5	SOT-89
78L18	500	100	35	20.5~33	17.3~18.7	6.5	SOT-89
79L05	500	100	-30	-7~20	-4.8~-5.2	6	SOT-89
79L06	500	100	-30	-8~20	-5.75~-6.25	6	SOT-89
79L08	500	100	-30	-10.5~-23	-7.7~-8.3	6	SOT-89
79L09	500	100	-30	-12~-24	-8.64~-9.36	6	SOT-89
79L12	500	100	-35	-14.5~-27	-11.5~-12.5	6.5	SOT-89
A1117-1.5	500	1000	17	3~10	1.485~1.515	10	SOT-89
A1117-1.8	500	1000	17	3.2~10	1.782~1.818	10	SOT-89
A1117-2.5	500	1000	17	3.9~10	2.475~2.525	10	SOT-89
A1117-3.3	500	1000	17	4.75~10	3.267~3.333	10	SOT-89
A1117-5	500	1000	17	6.5~12	4.95~5.05	10	SOT-89
A1117-ADJ	500	1000	17	-	1.238~1.262	-	SOT-89
A1117B-1.8	500	1000	20	3.3~12	1.773~1.827	10	SOT-89
A1117B-2.5	500	1000	20	4~12	2.463~2.538	10	SOT-89
A1117B-3.3	500	1000	20	4.8~12	3.251~3.350	10	SOT-89
A1117B-5	500	1000	20	6.5~12	4.925~5.075	10	SOT-89
A1117B-ADJ	500	1000	20	-	1.231~1.269	10	SOT-89

