

DIODES

FAST-RECOVERY RECTIFIER DIODES

Type No.	Absolute Maximum Ratings			Elec. Char. at 25°C			
	V _{RM} (V)	I _O (A)	I _{FSM} (A)	V _F Max. @ I _F		I _R (μA) Max.	t _{rr} (μs) Max.
				(V)	(A)		
RC 2	2000	0.2	20	2.0	0.2	10	4.0
EH 1Z	200	0.6	30	1.35	0.6	10	4.0
EH 1	400						
EH 1A	600						
RH 1Z	200	0.6	35	1.3	0.6	5	4.0
RH 1	400						
RH 1A	600						
RH 1B	800						
RH 1C	1000						
AS01Z	200	0.6	20	1.5	0.6	10	1.5
AS01	400						
AS01A	600						
ES01Z	200	0.7	30	2.5	0.8	10	1.5
ES01	400						
ES01A	600						
ES01F	1500	0.5	20	2.0	0.5	10	1.5
ES 1Z	200						
ES 1	400						
ES 1A	600	0.5	20	2.0	0.5	10	1.5
ES 1F	1500						
RS 1A	600						
RS 1B	800	0.7	30	2.5	0.8	10	1.5
AU01Z	200						
AU01	400						
AU01A	600	0.5	15	1.7	0.5	10	0.4
AU02Z	200						
AU02	400						
AU02A	600	0.25	15	2.5	0.25	10	0.4
RU 1	400						
RU 1A	600						
RU 1B	800						
RU 1C	1000						
EU01Z	200	0.25	15	2.5	0.25	10	0.4
EU01	400						
EU01A	600						
EU 1Z	200	0.25	15	2.5	0.25	10	0.4
EU 1	400						
EU 1A	600						
RF 1Z	200	0.6	15	2.0	0.6	10	0.4
RF 1	400						
RF 1A	600						
RF 1B	800						
RU 2Z	200						
RU 2	600	1.0	20	1.5	1.0	10	0.4
RU 2B	800						
RU 2C	1000						

*With fin

Type No.	Absolute Maximum Ratings			Elec. Char. at °C			
	V _{RM} (V)	I _O (A)	I _{FSM} (A)	V _F Max. @ I _F		I _R (μA) Max.	t _{rr} (μs) Max.
				(V)	(A)		
EU02Z	200	1.0	15	1.4	1.0	10	0.4
EU02	400						
EU02A	600						
EU 2Z	200	1.0	15	1.4	1.0	10	0.4
EU 2	400						
EU 2A	600						
EU 2YX	100	1.2	25	0.9	1.2	10	0.2
RU 2M	400						
RU 2AM	600						
RU 2YX	100	1.5	30	0.95	1.5	10	0.2
RU 3	400						
RU 3A	600						
RU 3B	800	1.1	20	1.5	1.0	10	0.4
RU 3C	1000						
RU 3M	400						
RU 3AM	600	1.5	50	1.1	1.5	10	0.4
RU 3YX	100						
RU 30Z	200						
RU 30	400	2.0	80	0.97	3.5	10	0.4
RU 30A	600						
RU 4Y	100						
RU 4Z	200	3.5*	70	1.3	3.5	10	0.4
RU 4	400						
RU 4A	600						
RU 4B	800	3.0*	50	1.5	3.0	50	0.4
RU 4C	1000						
RU 4M	400						
RU 4AM	600	3.5*	70	1.3	3.5	10	0.2
RU 4YX	100						
RU 4D	1300						
RU 4DS	1300	2.5*	50	1.8	3.0	50	0.4
RH 10F	1500						
RH 2F	1500						
RH 3F	1500	2.5	—	1.3	1.0	50	4.2
RH 4F	1500						
RS 3FS	1500						
RS 4FS	1500	2.5*	50	1.5	3.0	50	1.0
RG2A2	1300						
FMU-G2YXS	100						
FMU-G16S	600	5.0*	30	1.25	5.0	50	0.4
FMU-G26S	600						
CTU-G2D2	1300						
CTU-G3DR	1300	6.0	60	2.0	6.0	100	0.4
FMP-G3FS	1500						
FMP-G5FS	1500						
FMS-3FU	600	5.0	50	1.7	10	50	0.7
	1500						

Sanken discrete power devices are available from Allegro MicroSystems.
Contact local representative for additional information.