

# DIODES

## FAST-RECOVERY RECTIFIER DIODES

Type No.	Absolute Maximum Ratings			Elec. Char. at 25°C			
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	V <sub>F</sub> Max. @ I <sub>F</sub>		I <sub>R</sub> (μA) Max.	t <sub>rr</sub> (μs) Max.
				(V)	(A)		
RC 2	2000	0.2	20	2.0	0.2	10	4.0
EH 1Z	200						
EH 1	400	0.6	30	1.35	0.6	10	4.0
EH 1A	600						
RH 1Z	200						
RH 1	400						
RH 1A	600	0.6	35	1.3	0.6	5	4.0
RH 1B	800						
RH 1C	1000						
AS01Z	200						
AS01	400	0.6	20	1.5	0.6	10	1.5
AS01A	600						
ES01Z	200						
ES01	400	0.7	30	2.5	0.8		
ES01A	600					10	1.5
ES01F	1500	0.5	20	2.0	0.5		
ES 1Z	200						
ES 1	400	0.7	30	2.5	0.8		
ES 1A	600					10	1.5
ES 1F	1500	0.5	20	2.0	0.5		
RS 1A	600						
RS 1B	800	0.7	30	2.5	0.8	10	1.5
AU01Z	200						
AU01	400	0.5	15	1.7	0.5	10	0.4
AU01A	600						
AU02Z	200						
AU02	400	0.8	25	1.3	0.8	10	0.4
AU02A	600						
RU 1	400						
RU 1A	600	0.25		2.5		10	0.4
RU 1B	800		15		0.25		
RU 1C	1000	0.2		3.0			
EU01Z	200						
EU01	400	0.25	15	2.5	0.25	10	0.4
EU01A	600						
EU 1Z	200						
EU 1	400	0.25	15	2.5	0.25	10	0.4
EU 1A	600						
RF 1Z	200						
RF 1	400						
RF 1A	600	0.6	15	2.0	0.6	10	0.4
RF 1B	800						
RU 2Z	200						
RU 2	600	1.0					
RU 2B	800		20	1.5	1.0	10	0.4
RU 2C	1000	0.8					

\*With fin

Type No.	Absolute Maximum Ratings			Elec. Char. at °C			
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	V <sub>F</sub> Max. @ I <sub>F</sub>		I <sub>R</sub> (μA) Max.	t <sub>rr</sub> (μs) Max.
				(V)	(A)		
EU02Z	200						
EU02	400	1.0	15	1.4	1.0	10	0.4
EU02A	600						
EU 2Z	200						
EU 2	400	1.0	15	1.4	1.0	10	0.4
EU 2A	600						
EU 2YX	100	1.2	25	0.9	1.2		0.2
RU 2M	400						
RU 2AM	600	1.1	20	1.2	1.1		0.4
RU 2YX	100	1.5	30	0.95	1.5	10	0.2
RU 3	400						
RU 3A	600	1.5		1.5	1.5		
RU 3B	800	1.1	20		1.0	10	0.4
RU 3C	1000	1.5		2.0	1.5		
RU 3M	400						
RU 3AM	600	1.5	50	1.1	1.5	10	0.4
RU 3YX	100	2.0		0.95	2.0		0.2
RU 30Z	200	3.5*	80	0.97	3.5		
RU 30	400					10	0.4
RU 30A	600	2.0	200	0.95	2.0		
RU 4Y	100						
RU 4Z	200	3.5*	70	1.3	3.5		
RU 4	400						
RU 4A	600	3.0*		1.5		10	
RU 4B	800		50		3.0		0.4
RU 4C	1000	2.5*		1.6		50	
RU 4M	400						
RU 4AM	600	3.5*	70	1.3	3.5	10	
RU 4YX	100	4.0*	100	0.85	2.0		0.2
RU 4D	1300	1.5*			1.5		
RU 4DS	1300	2.5*	50	1.8	3.0	50	0.4
RH 10F	1500	0.8	60	1.0	1.0	10	4.0
RH 2F	1500	1.0	60	1.0	1.0	10	4.2
RH 3F	1500	2.5	—	1.3		50	
RH 4F	1500	2.5*	50	1.5	2.5	10	4.0
RS 3FS	1500	2.0	50	1.1	3.0	50	2.0
RS 4FS	1500	2.5*	50	1.5	3.0	50	1.0
RG2A2	1300	0.5	5	3.5	0.5	100	0.1
FMU-G2YXS	100	10*	100	1.0	10		0.2
FMU-G16S	600	5.0*	30	1.25	5.0	50	
FMU-G26S	600	10*	40	1.35	10		0.4
CTU-G2D2	1300	4.0	40		4.0		
CTU-G3DR	1300	6.0	60	2.0	6.0	100	0.4
FMP-G3FS	1500	5.0		1.5	5.0		
FMP-G5FS	1500	10	50	1.7	10	50	0.7
FMS-3FU	600	5.0		1.3	5.0		0.4
	1500			1.8			1.5

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