

# DIODES

## ULTRA-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> (mA)	t <sub>rr</sub> (ns)
				(V)	(A)		
SFPL-52	200	0.9	25	0.98	1.0	10μA	50
SFPL-62	200	1.0					
AL01Z	200	1.0	25	0.98	1.0	0.1	50
EL 1Z	200	1.5	20	0.98	1.5	0.1	50
RL 10Z	200	2.0	30	0.98	2.0	50μA	50
RL 2Z	200	2.0	30	0.98	2.0	0.1	50
RL 3Z	200	3.5*	80	0.95	3.5	50μA	50
RL 4Z	200	3.5*	80	0.95	3.5	0.15	50
AG01Y	70	1.0	25	1.2	1.0		
AG01Z	200						
AG01	400	0.7	15	1.8	0.7	0.1	100
AG01A	600	0.5			0.5		
EG01Y	70	1.0	30	1.2	1.0	0.1	
EG01Z	200			1.9			
EG01	400	0.7	15		0.7	0.05	100
EG01A	600			2.0		0.1	
EG01C	1000	0.5	10	3.3	0.5	0.05	
EG 1Y	70	1.1	30	1.2	1.1	0.1	
EG 1Z	200			1.7			
EG 1	400	0.8	15	1.8	0.8	0.05	100
EG 1A	600	0.6	10	2.0	0.6	0.1	
RG 1C	1000	0.7	10	3.3	0.7	0.02	100
RG 10Y	70	1.5		1.1			
RG 10	400	1.2	50	1.8	1.5	0.5	100
RG 10A	600	1.0		2.0	1.0		

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				(V)	(A)		
RG 2Y	70	1.5		1.1			
RG 2Z	200			1.5	1.5		
RG 2	400	1.2	50	1.8		0.5	100
RG 2A	600	1.0		2.0	1.0		
RG 4Y	70	3.5*	100	1.3	3.5		
RG 4Z	200			1.7		1.0	
RG 4	400	3.0*	80	1.8	3.0		100
RG 4A	600		50	2.0		0.5	
RG 4C	10000	2.0*	60	3.0	2.0		
AP01C	1000	0.2	5	4.0	0.2	0.1	200
EP10C	1000	0.2	5	4.0	0.2	5μA	200
RP 1H	2000	0.1	5	7.0	0.1	20μA	200
RU 1P	1000	0.4	10	4.0	0.4	5μA	100
FMG-G26S	600	4.0	50		4.0		
FMG-G36S	600	8.0	80	2.5	8.0	0.5	100
FMG-G2CS	1000	3.0	30	4.0	3.0	50μA	100
FMG-G3CS	1000	5.0	60	3.5	5.0	0.1	150
FMP-G12S	200	5.0	65	1.15	5.0	50μA	150
FML-G12S	200		65	0.98		0.25	40
FML-G13S	300						
FML-G14S	400	5.0	70	1.3	5.0	0.1	50
FML-G16S	600		50	1.5			
FML-G22S	200	10	150	0.98	10	0.5	40
FMX-G12S	200	5.0	65	0.98	5.0	0.1	30

\*With fin

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