

DIODES

ULTRA-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 (mA)	t _{rr} (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	0.1	100
AG01Z	200	0.7	15	1.8	0.7		
AG01	400						
AG01A	600						
EG01Y	70	1.0	30	1.2	1.0	0.1	100
EG01Z	200	0.7	15	1.9	0.7	0.05	
EG01	400						
EG01A	600			2.0			
EG01C	1000	0.5	10	3.3	0.5	0.05	100
EG 1Y	70	1.1	30	1.2	1.1	0.1	
EG 1Z	200	0.8	15	1.7	0.8	0.05	
EG 1	400						
EG 1A	600			10			2.0
RG 1C	1000	0.7	10	3.3	0.7	0.02	100
RG 10Y	70	1.5	50	1.1	1.5	0.5	100
RG 10	400	1.2		1.8			
RG 10A	600	1.0		2.0			

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				(V)	(A)		
RG 2Y	70	1.5	50	1.1	1.5	0.5	100
RG 2Z	200			1.5			
RG 2	400	1.2		1.8			
RG 2A	600	1.0		2.0	1.0	1.0	100
RG 4Y	70	3.5*	100	1.3	3.5		
RG 4Z	200			1.7			
RG 4	400	3.0*	80	1.8	3.0		
RG 4A	600		50	2.0		0.5	100
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	0.5	100
FMG-G36S	600	8.0	80	2.5	8.0		
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	5.0	70	1.3	5.0	0.1	50
FML-G14S	400						
FML-G16S	600						
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.