

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							
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	100	
EG01Z	200			1.9				
EG01	400	0.7	15	2.0	0.7	0.05	100	
EG01A	600							0.1
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			1.7			100	
EG 1	400	0.8	15	1.8	0.8	0.05		
EG 1A	600	0.6	10	2.0	0.6	0.1	100	
RG 1C	1000	0.7	10	3.3	0.7	0.02		
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	100	
RG 4Y	70	3.5*	100	1.3	3.5		1.0
RG 4Z	200			1.7		0.5	
RG 4	400	3.0*	80	1.8	3.0		0.5
RG 4A	600		50	2.0		200	
RG 4C	10000	2.0*	60	3.0	2.0		0.1
AP01C	1000	0.2	5	4.0	0.2	5µA	
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.