

Low VF Schottky Barrier Wafer

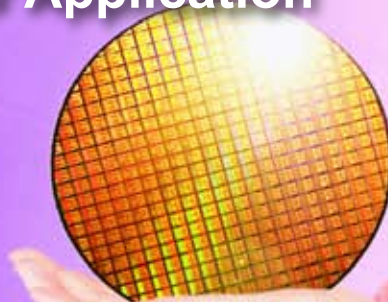
Schottky Wafer for Solar Application

Reverse Voltage: 10V ~ 40V

Forward Current: 3A ~ 10A

Features

- Low forward voltage
- High forward surge current capability
- High ESD protection
- High efficiency
- High frequency application



Series	Average Rectified Forward Current	Maximum Repetitive Reverse Voltage	Forward Voltage			Reverse Current	
	$I_{F(AV)}$ (A)	V_{RRM} (V)	V_F typ (V)	V_F max (V)	@ I_F (A)	I_R max (μ A)	@ V_R (V)
LLB	3	20	0.36	0.40	3	500	20
	3	40	0.36	0.40	3	500	40
	5	20	0.36	0.40	5	500	20
	5	40	0.36	0.40	5	500	40
	10	10	0.36	0.40	6	500	10

Note:

1. Please refer to datasheet for detailed specification
2. Different chip size for the same forward current specification is available
3. Different wafer thickness 6 ~12 mils is available
4. Top metal can be Ti/Al/Au or Ti/Ni/Ag/Au
5. Back metal can be Ti/Ni/Ag/Au or Au.
6. $I_o = 0.2A$ to $2A$ with Lower VF is available upon request