

SJM Prewell MMIC Application Guide for GNSS Market(v20)

北斗卫星导航系统
ГЛОНАСС

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GNSS LNA (GPS/BeiDou/Glonass/Galileo/IRNSS/QZSS)

Part Number	Frequency MHz	1575MHz								Package Type	Status	Remark
		Vd	Gain	S11	S22	P1dB	OIP3	NF	Id			
PLG01	1000 ~ 2500	2	23.7	-9.9	-12.1	8.8	8.3	1.50	5.0	SOT-363	Production	2V ~ 5V Available
		3	28.9	-20.3	-25.6	14.5	13.6	0.92	8.8			
		5	32.1	-16.9	-14.2	15.1	20.5	0.90	16.5			
PLG02	400 ~ 1700	3	13.7	-15.8	-15.1	18.6	17.6	1.50	8.0	SOT-363	Production	
		5	14.9	-14.1	-18.7	17.6	20.8	1.30	13.0			
PLG03	400 ~ 1700	3	16.3	-19.3	-17.3	13.1	23.6	1.22	21.0	SOT-363	Sampling	
PLG04	1100 ~ 1700	3	16.0	-12.0	-19.0	11.0	23.3	1.30	9.0	SOT-363	Sampling	
PLG05	1100 ~ 1700	3	22.0	-17.0	-10.0	10.2	9.0	1.10	3.3	SOT-363	Sampling	Power Shutdown
		5	25.0	-8.0	-8.0	12.0	16.0	0.80	5.5			
PLG07	1000 ~ 2500	3	16.5	-18.0	-14.0	17.7	34.6	0.80	46.0	DFN 2*2 8L	Production	

Remark 1) The above specification is measured at 1575MHz

2) If you use other frequency range for GPS, Please contact the contact point as below

如果您将其他频率范围用于GPS，请按以下方式联系联系人



RRH



GPS Active Antenna



Survey Antenna



Vehicle Navigation



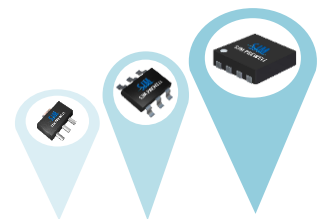
Automotive Antenna



Video Recorder



Satellite Terminal



Contact Point / 联络处

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