

eNPR Noise Datasheet

Operational mode	Range	Bandwidth	RMS Noise ¹					Unit	
			Float	5pF	1GΩ	100MΩ	10MΩ		1MΩ
LN	200pA	10kHz	0.42	0.79	0.73	/	/	/	pA
		100kHz	3.59	11.32	6.16	/	/	/	
	2nA	10kHz	0.61	1.2	/	0.001	/	/	
		100kHz	4.67	14.57	/	8.6	/	/	
	20nA	10kHz	4.06	4.17	/	/	5.68	/	
		100kHz	22.94	27.94	/	/	26.36	/	
	200nA	10kHz	31.32	31.23	/	/	/	41.82	
		100kHz	206.03	177.77	/	/	/	176.34	

¹ Typical RMS noise: these values can slightly change depending on temperature, humidity and other environmental factors



Operational mode	Range	Bandwidth	RMS Noise ²					Unit	
			Float	5pF	1GΩ	100MΩ	10MΩ		1MΩ
ULN	200pA	10kHz	0.26	0.49	0.47	/	/	/	pA
		100kHz	2.36	5.14	3.87	/	/	/	
	2nA	10kHz	0.44	0.87	/	1.19	/	/	
		100kHz	3.2	6.98	/	6.42	/	/	
	20nA	10kHz	3.02	3.11	/	/	4.38	/	
		100kHz	16.41	18.04	/	/	20.32	/	
	200nA	10kHz	26.29	27.37	/	/	/	29.69	
		100kHz	134.48	155.32	/	/	/	147.07	

Revision History

Date	Version	Description
10/08/2023	1.0	First version of this document

² Typical RMS noise: these values can slightly change depending on temperature, humidity and other environmental factors