

# 模拟输出硅麦LIST

➤ **+1dB** :For noise cancellation application

➤ **High PSR, Best RF Character**

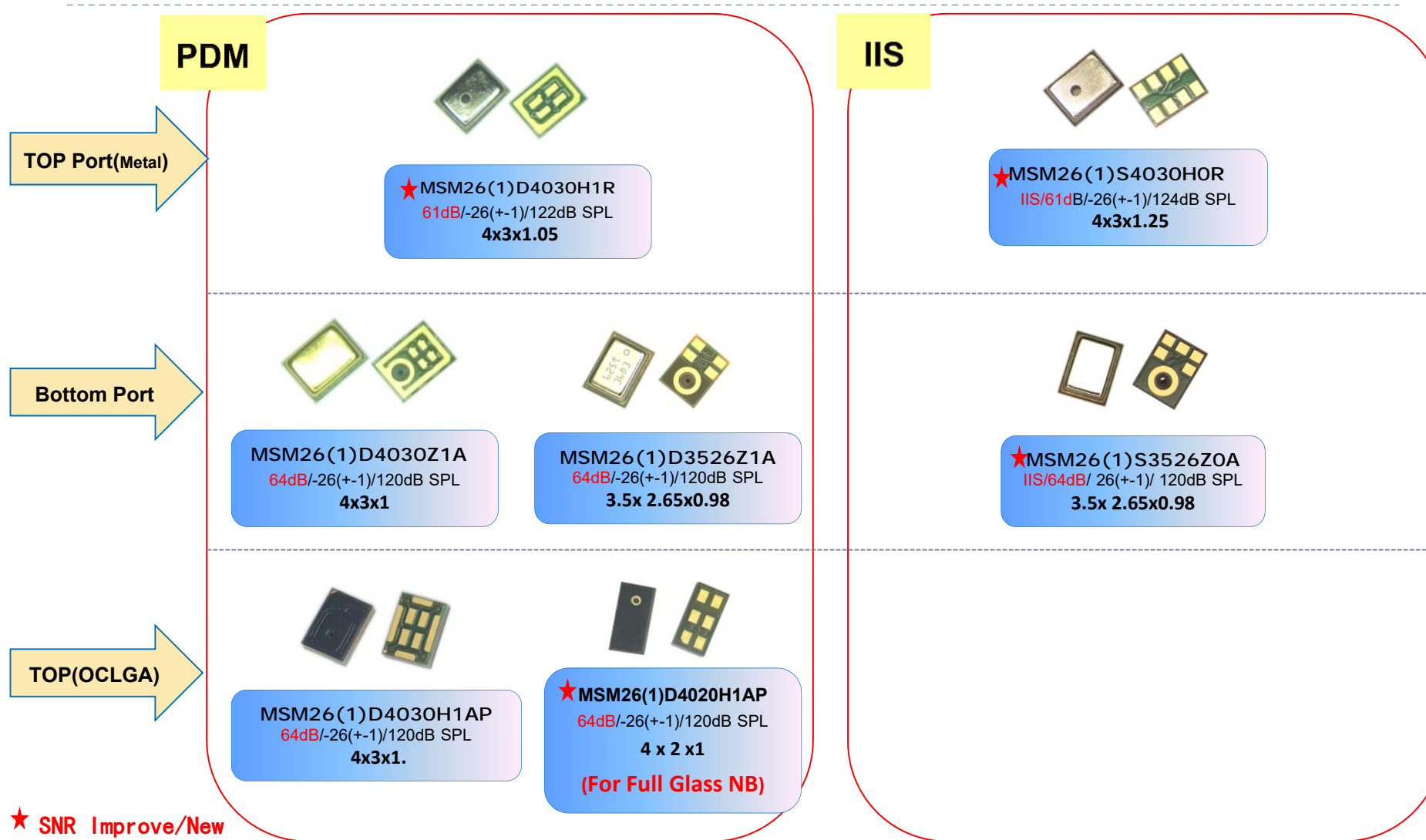
Port Type	Product Name	Performance	Dimensions
TOP Port(Metal)	MSM42(1)A3729H9-C	59dB/-42(+1)/130dB SPL	3.76 x 2.95 x1.1
	★ MSM42(1)A3729H9R-C	61dB/-42(+1)/130dB SPL	3.76 x 2.95 x1.1
	MSM42(1)A3722H9	58dB/130dB SPL/RF:-90dB	3.76 x 2.24 x1.1
	MSM42A3722H9R	60dB/130dB SPL/RF:-90dB	3.76 x 2.24 x1.1
	MSM42(1)A3125H9R-E	60dB/130dB SPL /RF:-125dB	3.1 x 2.5 x1.0
	MSM42(1)A3125H9R-L	60dB/130dB SPL/RF:-95dB	3.1 x 2.5 x1.0
Bottom Port	MSM38(1)A3729Z9A-C	63dB/-38(+1)/123dB SPL	3.76 x 2.95 x1.1
	MSM38(1)A3729Z9AH-C	65dB/-38(+1)/123dB SPL	3.76 x 2.95 x1.1
	★ MSM38(1)A3729Z9AM-C	63dB/-38(+1)/123dB SPL	3.76 x 2.95 x1.1 (扩焊盘)
	MSM38(1)A3526Z9A-E	63dB/-38(+1)/123dB SPL	3.5 x 2.65 x0.98
	MSM38(1)A3526Z9H-E	65dB/-38(+1)/123dB SPL	3.5 x 2.65 x0.98
	MSM38(1)A3526Z9AH	65dB/123dB SPL/RF:-90dB	3.5 x 2.65 x0.98
	MSM38(1)A2718Z9A-E	63dB/123dB SPL/RF:-110dB	2.75 x 1.85 x0.9
	MSM38A2718Z9A	63dB/123dB SPL/RF:-90dB	2.75 x 1.85 x0.9
TOP(OCLGA)	MSM38(1)A3729H9AP-C	63dB/-38(+1)/123dB SPL	3.76 x 2.95 x1.1
	MSM38(1)A3729H9HP-C	65dB/-38(+1)/123dB SPL	3.76 x 2.95 x1.1
	MSM38(1)A3526H9AP-E	63dB/-38(+1)/123dB SPL	3.5 x 2.65 x1.0
	MSM38(1)A3526H9HP-E	65dB/-38(+1)/123dB SPL	3.5 x 2.65 x1.0
	MSM32(1)A3729H9HP-C	65dB/-32(+1)/120dB SPL	3.76 x 2.95 x1.1

★ SNR Improve/New

Far Field Application

# 数字输出硅麦LIST

➤ With Multi modes(+1dB)



★ SNR Improve/New

# 敏芯微硅麦成品-现有型号

MEMS MIC Products Selection Guide												
Output Type	Port Location	Size (mm)	Package	Part Number	Sensitivity	SNR	Sensitivity Tolerance	THD	AOP	PSR	RF Immunity	
Analog	Voltage	Top	3.76×2.95×1.1	Metal Cap	MSM42(1)A3729H9-C	-42dB	59dB	+3(1)dB	0.10	130dB SPL	-100dBV(A)	-120dB
					MSM42(1)A3729H9R-C	-42dB	61dB	+3(1)dB	0.10	130dB SPL	-100dBV(A)	-120dB
			3.76×2.95×1.1	OCLGA	MSM38(1)A3729H9AP-C	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
					MSM38(1)A3729H9HP-C	-38dB	65dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
					MSM32(1)A3729H9HP-C	-32dB	65dB	+3(1)dB	0.2	120dB SPL	-100dBV(A)	-100dB
			3.5*2.65*1	OCLGA	MSM38(1)A3526H9AP-E	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
		MSM38(1)A3526H9HP-E			-38dB	65dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB	
		3.1*2.5*1.0	Metal Cap	MSM42(1)A3125H9R-E	-42dB	59dB	+3(1)dB	0.10	130dB SPL	-100dBV(A)	-130dB	
				MSM42(1)A3125H9R-L	-42dB	60dB	+3(1)dB	0.10	130dB SPL	-100dBV(A)	-95dB	
		3.76×2.24×1.1	Metal Cap	MSM42A3722H9	-42dB	58dB	+3dB	0.20	130dB SPL	-100dBV(A)	-90dB	
				MSM42A3722H9R	-42dB	60dB	+3dB	0.20	130dB SPL	-100dBV(A)	-90dB	
		Bottom	3.76×2.95×1.1	Metal Cap	MSM38(1)A3729Z9A-C	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
					MSM38(1)A3729Z9AH-C	-38dB	65dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
					MSM38(1)A3729Z9AM-C	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-100dB
			3.5*2.65*1	Metal Cap	MSM38(1)A3526Z9A-E	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-115dB
					MSM38(1)A3526Z9H-E	-38dB	65dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-115dB
					MSM38(1)A3526Z9AH	-38dB	65dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-90dB
		2.75*1.85*0.9	Metal Cap	MSM38(1)A2718Z9A-E	-38dB	63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-110dB	
MSM38(1)A2718Z9A	-38dB			63dB	+3(1)dB	0.15	123dB SPL	-100dBV(A)	-90dB			
Digital	PDM	Top	4×3×1.05	Metal Cap	MSM26(1)D4030H1R	-26dB	61dB	+3(1)dB	0.2	122dB SPL	-80dBFS(A)	Dual modes
			4×3×1	OCLGA	MSM26(1)D4030H1AP	-26dB	64dB	+3(1)dB	0.2	120dB SPL	-80dBFS(A)	Dual modes
			4×2×1	OCLGA	MSM26(1)D4020H1AP	-26dB	64dB	+3(1)dB	0.2	120dB SPL	-80dBFS(A)	Dual modes
		Bottom	4×3×1	Metal Cap	MSM26(1)D4030Z1A	-26dB	64dB	+3(1)dB	0.2	120dB SPL	-80dBFS(A)	Dual modes
			3.5*2.65*0.98	Metal Cap	MSM26(1)D3526Z1A	-26dB	64dB	+3(1)dB	0.2	120dB SPL	-80dBFS(A)	Dual modes
	IIS	Top	4×3×1.25	Metal Cap	MSM26(1)S4030H0R	-26dB	61dB	+3(1)dB	0.2	124dB SPL	-72dBFS(A)	Dual modes
		Bottom	3.5*2.65*0.98	Metal Cap	MSM26(1)S3526Z0A	-26dB	64dB	+3(1)dB	0.2	120dB SPL	-72dBFS(A)	Dual modes