



DBMEMS_ANALOG_BOTTOM PORT_MICROPHONE

Advantages

- Smaller components
- Bottom port
- SMD reflow
- Low current
- MaxRF protection
- Stable performance

Applications

- Smart phone
- Laptop computer
- Bluetooth earphone
- Sensors
- Bluetooth speaker
- Portable electronic devices



Item	DBMEMS Part Number	Analog / Digital	Length (mm)	Width (mm)	Height (mm)	Port Location	1kHz Sensitivity @1Pa (dB)	SNR (dB)	Sensitivity Tolerance (dB)	Maximum Current Draw (uA)	Packing (reel / inner box / outer box)
1.	MMAB2718-N30-383-61	Analog	2.75	1.85	0.95	Bottom	-38	61	± 3	160	5000 / 10000 / 60000
2.	MMAB2718-GLO-383-65	Analog	2.75	1.85	0.95	Bottom	-38	65	± 3	80	5000 / 10000 / 60000
3.	MMAB2718-GLO-381-65	Analog	2.75	1.85	0.95	Bottom	-38	65	± 1	80	5000 / 10000 / 60000
4.	MMAB2819-N30-383-61	Analog	2.75	1.85	0.95	Bottom	-38	61	± 3	160	5000 / 10000 / 60000
5.	MMAB3020-G20-381-63	Analog	3.00	2.00	1.10	Bottom	-38	63	± 1	160	5000 / 10000 / 60000
6.	MMAB3526-G30-383-61	Analog	3.50	2.65	0.98	Bottom	-38	61	± 3	160	5000 / 10000 / 60000
7.	MMAB3526-G30-381-61	Analog	3.50	2.65	0.98	Bottom	-38	61	± 1	160	5000 / 10000 / 60000
8.	MMAB3526-GN0-383-65	Analog	3.50	2.65	0.98	Bottom	-38	65	± 3	80	5000 / 10000 / 60000
9.	MMAB3526-GN0-381-65	Analog	3.50	2.65	0.98	Bottom	-38	65	± 1	80	5000 / 10000 / 60000
10.	MMAB3729-N32-381-61	Analog	3.76	2.95	1.10	Bottom	-38	61	± 1	160	5000 / 10000 / 60000
11.	MMAB3729-G22-381-63	Analog	3.76	2.95	1.10	Bottom	-38	63	± 1	160	5000 / 10000 / 60000
12.	MMAB3729-GN9-383-65	Analog	3.76	2.95	1.10	Bottom	-38	65	± 3	80	5000 / 10000 / 60000
13.	MMAB3729-GN9-381-65	Analog	3.76	2.95	1.10	Bottom	-38	65	± 1	80	5000 / 10000 / 60000



DBMEMS_ANALOG_TOP PORT_MICROPHONE

Advantages

- Smaller components
- SMD reflow
- Low current
- MaxRF protection
- Stable performance

Applications

- Cellphones
- Laptop computer
- Sensors
- Digital cameras
- Portable electronic devices



Item	DBMEMS Part Number	Analog / Digital	Diameter (mm)	Length (mm)	Width (mm)	Height (mm)	Port Location	1kHz Sensitivity @1Pa (dB)	SNR (dB)	Sensitivity Tolerance (dB)	Maximum Current Draw (uA)	Packing (pack or reel / inner box / outer box)
1.	MMAT3312-NL8-443-58	Analog	3.3	-	-	1.2	Top	-44	58	± 3	80	500 pack / 15000 / 90000
2.	MMAT3312-NL8-443S-58	Analog	3.3	-	-	1.2	Top	-44	58	± 3	80	5000 reel / 10000 / 60000
3.	MMAT2718-GL6-423-60	Analog		2.75	1.85	0.95	Top	-42	60	± 3	80	5000 reel / 10000 / 60000
4.	MMAT2718-GL6-421-60	Analog		2.75	1.85	0.95	Top	-42	60	± 1	80	5000 reel / 10000 / 60000
5.	MMAT3125-N30-423-57	Analog		3.10	2.5	1.1	Top	-42	57	± 3	160	5000 reel / 10000 / 60000
6.	MMAT3125-NA0-423-59	Analog		3.10	2.5	1.1	Top	-42	59	± 3	160	5000 reel / 10000 / 60000
7.	MMAT3125-NA0-421-59	Analog		3.10	2.5	1.1	Top	-42	59	± 1	160	5000 reel / 10000 / 60000

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8.	MMAT3722-N30-423-57	Analog		3.76	2.24	1.1	Top	-42	57	± 3	160	5000 reel / 10000 / 60000
9.	MMAT3722-G30-421-59	Analog		3.76	2.24	1.1	Top	-42	59	± 1	170	5000 reel / 10000 / 60000
10.	MMAT3722-G20-381-59	Analog		3.76	2.24	1.1	Top	-38	59	± 1	170	5000 reel / 10000 / 60000
11.	MMAT3722-GL0-422-60	Analog		3.76	2.24	1.1	Top	-42	60	± 2	80	5000 reel / 10000 / 60000
12.	MMAT3722-GA0-351-60	Analog		3.76	2.24	1.1	Top	-35	60	± 1	160	5000 reel / 10000 / 60000
13.	MMAT3125-G20-421-59	Analog		3.76	2.5	1.1	Top	-42	59	± 1	170	5000 reel / 10000 / 60000
14.	MMAT3729-N32-423-57	Analog		3.76	2.95	1.1	Top	-42	57	± 3	160	5000 reel / 10000 / 60000
15.	MMAT3729-G22-421-59	Analog		3.76	2.95	1.1	Top	-42	59	± 1	160	5000 reel / 10000 / 60000
16.	MMAT3729-GL9-423-60	Analog		3.76	2.95	1.1	Top	-42	60	± 3	80	5000 reel / 10000 / 60000
17.	MMAT3729-GL9-421-60	Analog		3.76	2.95	1.1	Top	-42	60	± 1	80	5000 reel / 10000 / 60000
18.	MMAT4545-000-383-58	Analog		4.50	4.50	1.45	Top	-38	58	± 3	200	4800 reel / 4800 / 48000

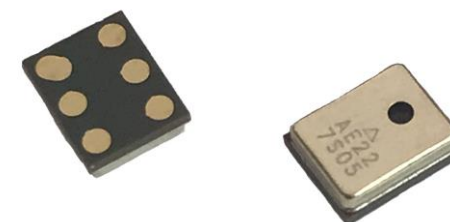
DBMEMS_DIGITAL_TOP PORT_MICROPHONE

Advantages

- Smaller components
- Low Distortion
- Low current
- SMD Reflow
- Stable performance

Applications

- Smart phones
- Laptop / Notebook
- Tablets
- Medical
- I.O.T.



DBMEMS Part Number	Analog / Digital	Length (mm)	Width (mm)	Height (mm)	Port Location	1kHz Sensitivity @1Pa (dB)	SNR (dB)	Sensitivity Tolerance (dB)	Maximum Current Draw (uA)	Packing (reel / inner box / outer box)
MMDT4030-MK1-261-65	Digital	4.00	3.00	1.00	Top	-26	65	± 1	540	5000 / 5000 / 30000
MMDT4030-MK1-263-65	Digital	4.00	3.00	1.00	Top	-26	65	± 3	540	5000 / 5000 / 30000
MMDT4030-GH1-261-61	Digital	4.00	3.00	1.10	Top	-26	61	± 1	540	5000 / 10000 / 60000
MMDT4030-GH1-263-61	Digital	4.00	3.00	1.10	Top	-26	61	± 3	540	5000 / 10000 / 60000
MMDT4737-G71-261-58	Digital	4.72	3.76	1.25	Top	-26	58	± 1	860	5000 / 10000 / 60000
MMDT4737-G71-263-58	Digital	4.72	3.76	1.25	Top	-26	58	± 3	860	5000 / 10000 / 60000
MMDT4737-GH1-291-59	Digital	4.72	3.76	1.25	Top	-29	59	± 1	540	5000 / 10000 / 60000
MMDT4737-GH1-293-59	Digital	4.72	3.76	1.25	Top	-29	59	± 3	540	5000 / 10000 / 60000

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MMDB3526-NH0-261-64	Digital	3.50	2.65	0.98	Bottom	-26	64	± 1	540	5000 / 10000 / 60000
MMDB3526-NH0-263-64	Digital	3.50	2.65	0.98	Bottom	-26	64	± 3	540	5000 / 10000 / 60000
MMDB4030-GG1-261-64	Digital	4.00	3.00	1.00	Bottom	-26	64	± 1	540	5000 / 10000 / 60000
MMDB4030-GG1-263-64	Digital	4.00	3.00	1.00	Bottom	-26	64	± 3	540	5000 / 10000 / 60000