

PMM-3738-VM1010-R





Part Number: [PMM-3738-VM1010-R](#)

Manufacturer [PUI Audio, Inc.](#)

Description MEMS PIEZO MICROPHONE -38 DB 1.8

Data sheet:  [PMM-3738-VM1010-R Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

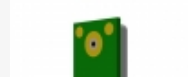
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PRODUCT PARAMETER			
Part Number	PMM-3738-VM1010-R	Manufacturer	PUI Audio, Inc.
Description	MEMS PIEZO MICROPHONE -38 DB 1.8	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53071 pcs	Data sheet	PMM-3738-VM1010-R Datasheet
Category	Audio Products	Voltage Range	1.6V ~ 3.6V
Voltage - Rated	1.8V	Type	Piezo MEMS
Termination	Solder Pads	Size / Dimension	0.148" L x 0.116" W (3.76mm x 2.95mm)
Shape	Rectangular	Series	Vesper
Sensitivity	-38dB ±3dB @ 94dB SPL	S/N Ratio	60dB
Ratings	IP50 - Dust Protection	Port Location	Bottom
Packaging	Tape & Reel (TR)	Output Type	Analog
Other Names	668-1585-2	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Impedance	700 Ohms	Height (Max)	0.043" (1.10mm)
Frequency Range	100Hz ~ 10kHz	Direction	Omnidirectional
Detailed Description	100Hz ~ 10kHz Analog Microphone Piezo MEMS 1.6V ~ 3.6V Omnidirectional (-38dB ±3dB @ 94dB SPL) Solder Pads	Current - Supply	110µA
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	Part#: PMM-3738-VM1010-EB-R Description: MEMS PIEZO MICROPHONE EVALUATION	Manufacturers: PUI Audio, Inc.	RFQ
	Part#: PMMA1210KEGR2 Description: IC ACCEL Z- AXIS 100G	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMMA1252KEG Description: IC ACCEL 5G Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMM-3738-VM1000-EB-2-R Description: MEMS PIEZO 2 MICROPHONE EVAL BRD	Manufacturers: PUI Audio, Inc.	RFQ
	Part#: PMMA1220KEG Description: IC ACCEL LOW G Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMM-3738-VM1000-R Description: MIC PIEZO MEMS ANLG OMNI -38DB	Manufacturers: PUI Audio, Inc.	RFQ
	Part#: PMMA1220KEGR2 Description: IC ACCEL LOW G Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMMA1252KEGR2 Description: IC ACCEL 5G Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: PMM-3738-WP-R Description: MEMS PIEZO MICROPHONE -38 DB 2.1	Manufacturers: PUI Audio, Inc.	RFQ
	Part#: PMMA1251KEGR2 Description: IC ACCEL Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMMA1251KEG Description: IC ACCEL Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMM-3738-VM1000-EB-R Description: MEMS PIEZO MICROPHONE EVALUATION	Manufacturers: PUI Audio, Inc.	RFQ
	Part#: PMM-3738-WP-2-R Description: MIC PIEZO MEMS ANLG OMNI -38DB	Manufacturers: PUI Audio, Inc.	RFQ
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	Part#: PMMA1200KEGR2 Description: IC ACCEL Z-AXIS 250G ROHS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PMMA1254KEGR2 Description: IC ACCEL 5G Z-AXIS	Manufacturers: NXP Semiconductors / Freescale	RFQ

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