



## Bill of Materials for the BR262PM002EVK Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C7,C9	2	Ceramic Capacitor	10nF, X7R, 10V	10%	0201	Murata Electronics	GRM033R61A103KA01D	Yes	Yes
C11,C12	2	Ceramic Capacitor	100nF, X5R, 6.3V	20%	0201	TDK Corporation	C0603X5R0J104M	Yes	Yes
C1,C2,C3,C5,C6	5	Ceramic Capacitor	1uF, X5R, 6.3V	20%	0201	TDK Corporation	C0603X5R0J105M	Yes	Yes
C8,C10	2	Ceramic Capacitor	2.2uF, X5R, 10V	10%	0402	TDK Corporation	C1005X5R1A225K	Yes	Yes
R2	1	Resistor	10.0K ohm	1%	0402	Vishay Dale	CRCW040210K0FKED	Yes	Yes
R9,R10	2	Resistor	10.0K ohm	1%	0201	Panasonic	ERJ-1GEF1002C	No	Yes
R4,R5	2	Resistor	75.0K ohm	1%	0402	Vishay Dale	CRCW040275K0FKED	Yes	Yes
R3,R6,R7	3	Resistor	100.0K ohm	1%	0402	Vishay Dale	CRCW0402100KFKED	Yes	Yes
U1	1	<b>BR262W30A103E1G - BR262 SV4, 30 pin WLCSP 0.4mm pitch</b>	-	-	<b>WLCSP-30</b>	<b>ON Semiconductor</b>	<b>BR262W30A103E1G</b>	<b>No</b>	<b>Yes</b>
U2	1	<b>CAT24C64 - 64Kbit I2C EEPROM</b>	-	-	<b>UDFN-8</b>	<b>ON Semiconductor</b>	<b>CAT24C64HU4I-GT3</b>	<b>No</b>	<b>Yes</b>
M0,M1	2	SiSonic Series MEMS Microphone	-	-	3.76mm x 2.95mm	Knowles Acoustics	SPU0410HR5H-PB	Yes	Yes
R8	1	Resistor	39.0K ohm	1%	402	Vishay Dale	CRCW040239K0FKED	Yes	Yes
C4	0	DNI 0201 capacitor, DNP	DNP	-	-	DNP	-	Yes	Yes
R1	0	DNI 0402 resistor, DNP	DNP	-	-	DNP	-	Yes	Yes