

FMB Technologies Prototype v4 BOM List

Item Number	Part Name	Quantity Per Board	Supplier	Supplier Part #	Link	Price	Total Price
1	<del>NRF52832-CIAA-R</del>	1	Digikey	1490-1056-1-ND	<a href="https://www.digikey.com/product-detail/en/nordic-semiconductor-asa/NRF52832-CIAA-R/1490-1056-1-ND/6071168">https://www.digikey.com/product-detail/en/nordic-semiconductor-asa/NRF52832-CIAA-R/1490-1056-1-ND/6071168</a>	5.91	19.45
2	<del>ADXL362</del>	1	Digikey	ADXL362BCCZ-RL7CT-ND	<a href="https://www.digikey.com/product-detail/en/analog-devices-inc/ADXL362BCCZ-RL7/ADXL362BCCZ-RL7CT-ND/3758437">https://www.digikey.com/product-detail/en/analog-devices-inc/ADXL362BCCZ-RL7/ADXL362BCCZ-RL7CT-ND/3758437</a>	10.5	
3	<del>SMD Antenna W3008</del>	1	Digikey	553-1530-1-ND	<a href="https://www.digikey.com/product-detail/en/pulsearsen-antennas/W3008/553-1530-1-ND/2362934">https://www.digikey.com/product-detail/en/pulsearsen-antennas/W3008/553-1530-1-ND/2362934</a>	1.62	
4	<del>Capacitor - 0.1uF</del>	6	Digikey	478-5266-1-ND	<a href="https://www.digikey.com/product-detail/en/avx-corporation/02016D104KAT2A/478-5266-1-ND/1950933">https://www.digikey.com/product-detail/en/avx-corporation/02016D104KAT2A/478-5266-1-ND/1950933</a>	0.1	
5	<del>Capacitor - 100pF</del>	1	Digikey	490-3160-1-ND	<a href="https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM0335C1E101JA01D/490-3160-1-ND/702701">https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM0335C1E101JA01D/490-3160-1-ND/702701</a>	0.1	
6	<del>Capacitor - 4.7uF</del>	1	Digikey	1276-2087-1-ND	<a href="https://www.digikey.com/product-detail/en/samsung-electro-mechanics-america-inc/CL10B475KQ8NQNC/1276-2087-1-ND/3890173">https://www.digikey.com/product-detail/en/samsung-electro-mechanics-america-inc/CL10B475KQ8NQNC/1276-2087-1-ND/3890173</a>	0.1	
7	Capacitor - 0.8pF	1	Digikey	490-11253-1-ND	<a href="https://www.digikey.com/product-detail/en/murata-electronics-north-america/GJM1555C1HR80WB01D/490-11253-1-ND/5333093">https://www.digikey.com/product-detail/en/murata-electronics-north-america/GJM1555C1HR80WB01D/490-11253-1-ND/5333093</a>	0.3	
8	<del>Resistor - 10K Ohm</del>	1	Digikey	311-10KJRCT-ND	<a href="https://www.digikey.com/product-detail/en/yageo/RC0402JR-0710KL/311-10KJRCT-ND/729365">https://www.digikey.com/product-detail/en/yageo/RC0402JR-0710KL/311-10KJRCT-ND/729365</a>	0.1	
9	Inductor 3.9nH	1	Digikey	732-11258-1-ND	<a href="https://www.digikey.com/product-detail/en/wurth-electronics-inc/744917039/732-11258-1-ND/6833717">https://www.digikey.com/product-detail/en/wurth-electronics-inc/744917039/732-11258-1-ND/6833717</a>	0.72	
	Crystal						
	3.3 nh Inductor						
	1pf cap						
	12 pf cap						
	15 pf cap						