

FMB Technologies Prototype v4 BOM List

Item Number	Part Name	Quantity Per Board	Supplier	Supplier Part #	Link	Price	Through Hole Link	Price
	1 NRF52832-QFAA-R	1	Digikey	1490-1052-1-ND	https://www.digikey.com/product-detail/en/nordic-semiconductor-asa/NRF52832-QFAA-R/1490-1052-1-ND/5428660	5.73		
	2 NRF52832-CIAA-R	1	Digikey	1490-1056-1-ND	https://www.digikey.com/product-detail/en/nordic-semiconductor-asa/NRF52832-CIAA-R/1490-1056-1-ND/6071168	5.91		
	3 ADXL362	1	Digikey	ADXL362BCCZ-RL7CT-ND	https://www.digikey.com/product-detail/en/analog-devices-inc/ADXL362BCCZ-RL7/ADXL362BCCZ-RL7CT-ND/3758437	10.5		
	4 SMD Antenna W3008	1	Digikey	553-1530-1-ND	https://www.digikey.com/product-detail/en/pulselarsen-antennas/W3008/553-1530-1-ND/2362934	1.62		
	5 Capacitor - 0.1uF	6	Digikey	490-6287-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM155R60J104KA01D/490-6287-1-ND/3845484	0.1		
	6 Capacitor - 100pF	1	Digikey	490-3160-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM0335C1E101JA01D/490-3160-1-ND/702701	0.1		
	7 Capacitor - 4.7uF	1	Digikey	490-13229-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM035R60G475ME15D/490-13229-1-ND/5877437	0.48		
	8 Capacitor - 0.8pF	1	Digikey	490-11253-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GJM1555C1HR80WB01D/490-11253-1-ND/5333093	0.3		
	9 Capacitor - 1pf	1	Digikey	490-6073-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GJM1555C1H1R0BB01D/490-6073-1-ND/3845273	0.17		
	10 Capacitor - 12pf	2/4	Digikey	490-6197-1-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM1555C1H120GA01D/490-6197-1-ND/3845394			
	11 Resistor - 10K 0hm	1	Digikey	311-10KJRCT-ND	https://www.digikey.com/product-detail/en/yageo/RC0402JR-0710KL/311-10KJRCT-ND/729365	0.1		
	12 Inductor 3.9nH	1	Digikey	732-11258-1-ND	https://www.digikey.com/product-detail/en/wurth-electronics-inc/744917039/732-11258-1-ND/6833717	0.72		
	13 Inductor 3.3nH	1	Digikey	1276-6294-1-ND	https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CIH05T3N3SNC/1276-6294-1-ND/3972212	0.10		
	14 Crystal - 32MHz 8pf +/- 25ppm	1	Digikey	1253-1586-1-ND	https://www.digikey.com/product-detail/en/avx-corp-kyocera-corp/CX2016DB32000D0WZRC1/1253-1586-1-ND/5436848	0.72		
	15 Crystal - 32.768kHz	1	Digikey	535-10247-1-ND	https://www.digikey.com/product-detail/en/abracon-llc/ABS06-32.768KHZ-9-1-T/535-10247-1-ND/2218060	0.83		