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# IoT & WEARABLES COMPONENT KIT



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**ABKIT-IOT-1**



Timing &  
Synchronization



RF &  
Connectivity



Power &  
Energy

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## Timing & Synchronization

FUNCTION	SERIES	PART NUMBER 1	PART NUMBER 2
RTC with ultra low 22nA Time Keeping IDD	AB0805	AB0805-T3	-
	AB0815	AB0815-T3	-
	AB1805	AB1805-T3	-
	AB1815	AB1815-T3	-
Low ESR / Low CL XTAL	ABM12W	ABM12W-32.0000MHz-4-D1X-T3	ABM12W-48.0000MHz-6-B1U-T3
RTC - Temperature Compensated	AB-RTC-MK-32.768kHz	AB-RTCMK-32.768kHz-T3	-
Low ESR / Low CL 32.768kHz XTAL	ABS06W	ABS06W-32.768kHz-D-2-T	ABS06W-32.768kHz-K-2-T
32.768kHz MEMS	ASTMTXK	ASTMTXK-32.768kHz-LY-T3	ASTMTXK-32.768kHz-NG-T




## RF & Connectivity



FUNCTION	SERIES	PART NUMBER
<b>Antenna</b> (Zigbee, WiFi, BLE, GPS)	AMCA31	AMCA31-2R450G-S1F-T3
	AMCA72	AMCA72-2R470G-S1F-T4



## Power & Energy



FUNCTION	SERIES	PART NUMBER 1	PART NUMBER 2
Power Inductor	ASMPM	ASMPM-0806-1R0M-T	ASMPM-0806-R47M-T
	ASMPH	ASMPH-0603-1R0M-T	ASMPH-0603-2R2M-T
Wireless Charging Coil	AWCCA	AWCCA-15N15H06-C01-B	-



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