

High Frequency Device and Chip Varistor Product Line

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LTCC RF Filter	Band Pass Filter									
	Bluetooth / Wi-Fi / Zigbee				Wi-Fi		Wi-MAX/TD-LTE			
	2.45GHz				5GHz		2.3GHz	2.5GHz	2.6GHz	3.5GHz
	2520 (1008)	2012 (0805)	1608 (0603)	1005(0402)	2012 (0805)	1608(0603)	1608 (0603)	2012 (0805)	1608 (0603)	1608 (0603)

LTCC RF Filter	Low Pass Filter						IPD	CPL(Coupler)
	Bluetooth / Wi-Fi		Wi-Fi	Wi-MAX/TD-LTE			Bluetooth / Wi-Fi	Bluetooth / Wi-Fi/Mobile
	2.45GHz		5GHz	2.5GHz	2.6GHz	3.5GHz	2.45GHz-5GHz	Variable Frequency
	2012 (0805)	1608 (0603)	1005(0402)	1608 (0603)	1608 (0603)	1608 (0603)	2520	1608/1005

RF Filter	Balanced Filter (Balun Filter)				Diplexer	
	Bluetooth / Wi-Fi		Wi-MAX		Wi-Fi	
	2.45GHz		2.6GHz-3.5GHz		2.4/5GHz	
	2520(1008)	2012(0805)	1608(0603)	2012 (0805)	2520 (1008)	1608 (0603)

Balun	Balun				
	Bluetooth / Wi-Fi / Zigbee			Wi-MAX	
	2.45GHz		5GHz	2.5GHz	
	2012 (0805)	1608 (0603)	1005 (0402)	2012 (0805)	1608 (0603)

Common Mode Filter	Discrete				Array		
	USB2.0 / IEEE 1394 / LVDS		HDMI / LVDS / DVI / PCI-E		USB2.0 / IEEE 1394 / LVDS	HDMI / LVDS / DVI / PCI-E	
	1632(0612)	1220(0508)	1210 (0504)	2012 (0805)	1210 (0504)	2010 (0804)	2010 (0804)

Chip Varistor	1005 (0402)	1608 (0603)	2012 (0805)	3216 (1206)
	5.5V-26V	5.5V-30V	5.5V-30V	5.5V-38V

Antenna	Chip Antenna									
	GPS		Bluetooth / Wi-Fi / Zigbee						Wi-Fi	WiMAX
	1.575GHz		2.45GHz						2.4/5GHz	2.6GHz 3.5GHz
	1003	3216	3216	5220	7635	8010	1204	1903	9937	6050

HF Inductor	0603 (0201)	1005 (0402)	1608 (0603)
	1.0nH -33nH	1.0nH -100nH	1.0nH -270nH