

What's New @ IMT
(Integrated Modules Technology Inc)

The WLAN marketplace has increasingly demanded unique custom Band Pass Filters along with BPF Combos. At IMT, our designers are listening to the market and have developed or are developing new components to meet the demand. As always, IMT will customize any present component or design one for specific applications.

Our **BP190B** offers the designer a pass band of 2.4 – 2.5GHz with a typical attenuation of 40db from 3.2GHz thru 12GHz. (Cleaning up all frequencies above 3.2GHz)

The **BP192C** with a pass band from 4.9 – 5.9GHz offers very sharp roll offs on both the low and high sides with a very respectable IL.

IMT is working on two Balun/Band Pass Filter Combos in the 2.4GHz range. One will have high rejection (>40db) @ 1.6GHz while the other will have high rejection (>40db) @ 3.2GHz. Both combos are scheduled for market introduction in January, 06.

The increased popularity of **WiMax** has had our staff working on two different versions of a BPF. A 3 pole version is slated for market intro in Dec. 05. The 4 pole version, for those who require better performance, is scheduled for February 06.

In addition to the High Frequency applications, IMT has designed a Common Mode Filter (**CM264X**) for use in noise suppression of LVDS signal lines. This 0805 (2.0X1.25) SMD package is available now.

With any of our LTCC Components, IMT will take your application requirements and customize a unit to meet them. Please review these listed components and our entire RoHS compliant Product Line under **LTCC components**; give us a call or e-mail us at “info@milestone-holystone.com” with your needs.

Call 951-696-4300 with your requirements!