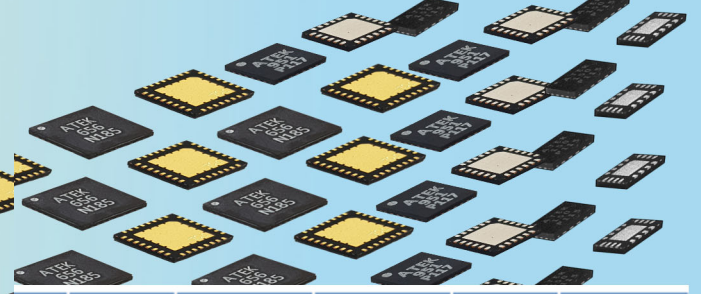
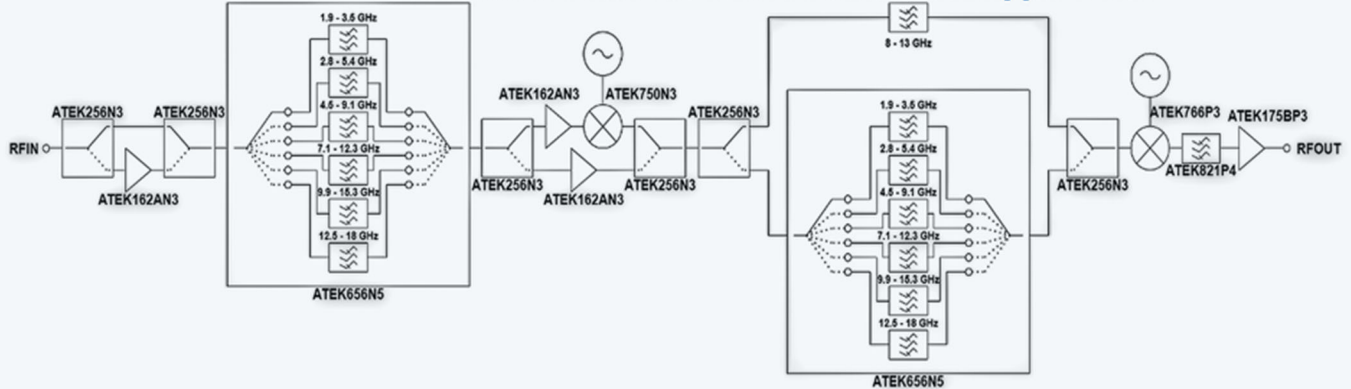


2~18GHz 6バンド 5x5mm
8~18GHz アナログ 4x4mm
0.5~8GHz 7バンド 6x6mm



Family	Part No	Description	Filter Band	Fmin (MHz)	Fmax (MHz)	Loss (dB)	Rejection (dBc)	IIP3 (dBm)	Package (mm)
Switchable Band Pass Filter Bank	ATEK656N5	Sub-Octave Band Pass 2 – 18 GHz	1-6	2000	18000	7.5	45	33	5x5 QFN
Switchable Band Pass Filter Bank	ATEK950P6	Sub-Octave Band Pass with Bypass 485 - 8000 MHz	1	485	810	6	45	43	6x6 QFN
			2	670	1125				
			3	960	1670				
			4	1440	2560				
			5	2140	3850				
			6	3300	5880				
			7	4820	8500				
			8	2	9000	3	N/A		

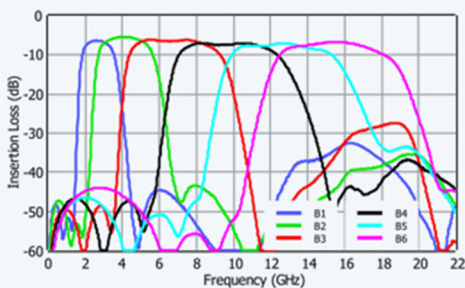
2 to 18 GHz Switched Tuned Receiver Filter Bank Application



Featured MMIC Filter Performance

ATEK656N6

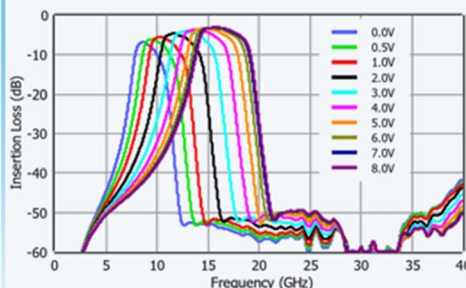
Switched Sub-Octave BPF
2 – 18 GHz



- 6 Switchable BPFs
- 150ns Tuning Speed
- +33dBm Input IP3
- 45dBc Rejection

ATEK873N4

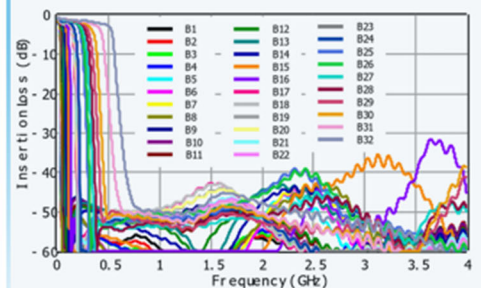
Analog Tunable BPF
8 – 18.5 GHz



- 0 to +8V Analog Tuning
- 100ns Tuning Speed
- +28dBm Input IP3
- 50dBc Rejection

ATEK888P5

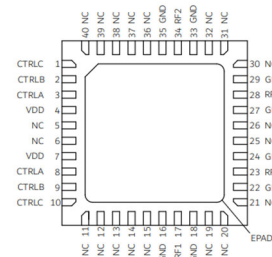
Digitally Tunable LPF
20 – 530 MHz



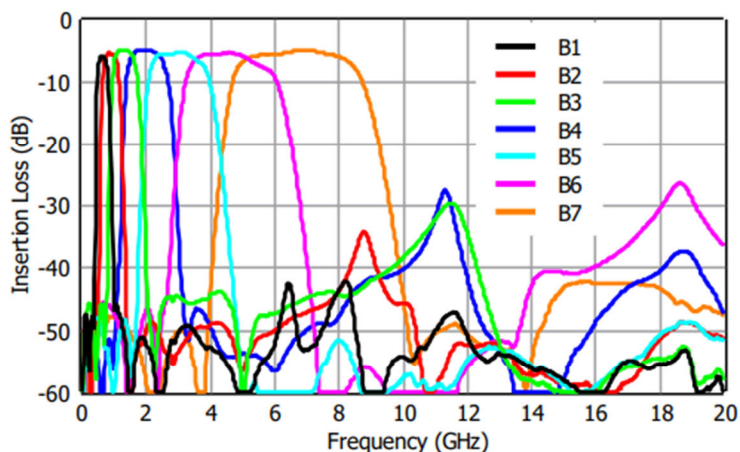
- 32 LPF States
- 250ns Tuning Speed
- +44dBm Input IP3
- 45dBc Rejection

ATEK950P6

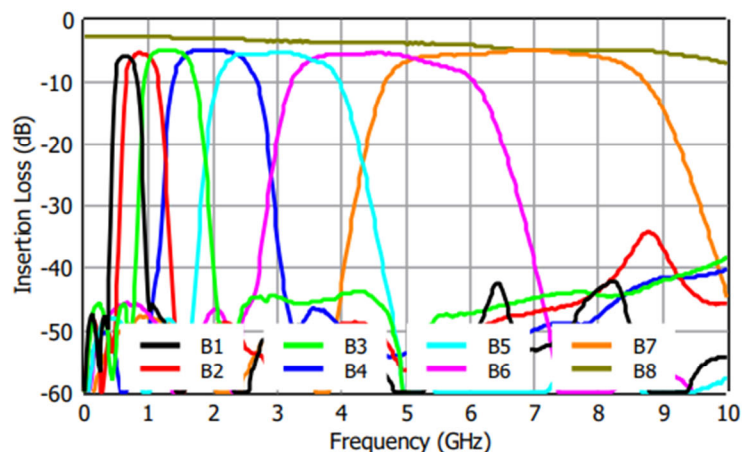
485 - 8000 MHz Switchable Filter Bank



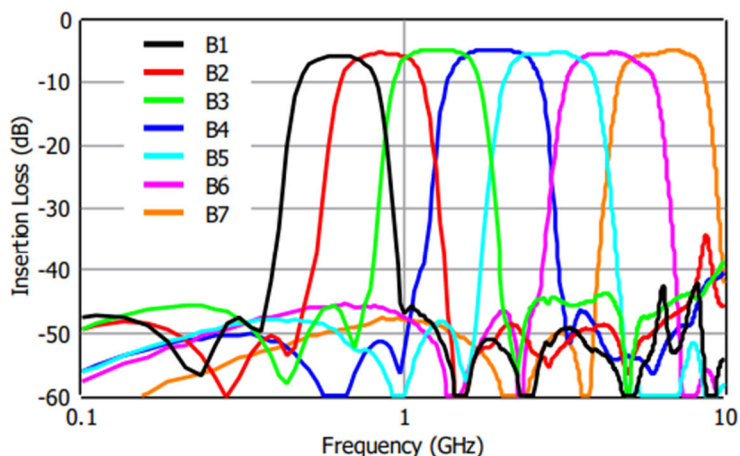
S21, Vdd=5 V



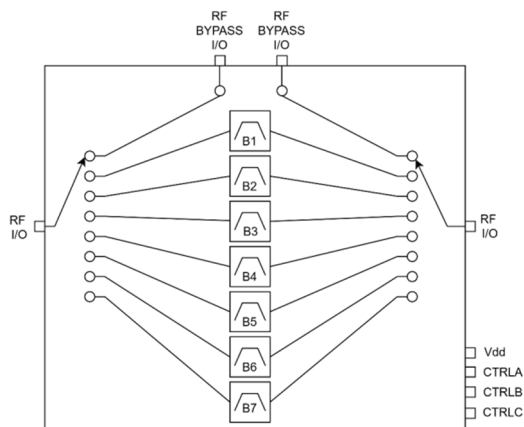
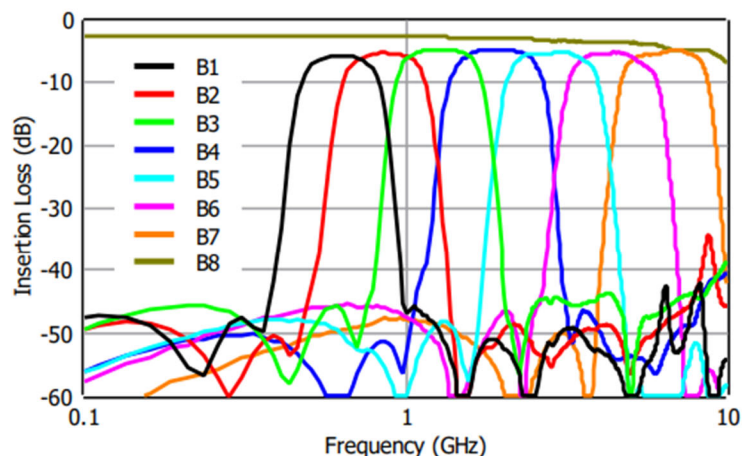
S21, Vdd=5 V



S21, Vdd=5 V, Log Scale



S21, Vdd=5 V, Log Scale



Input P1dB, Filter Path

