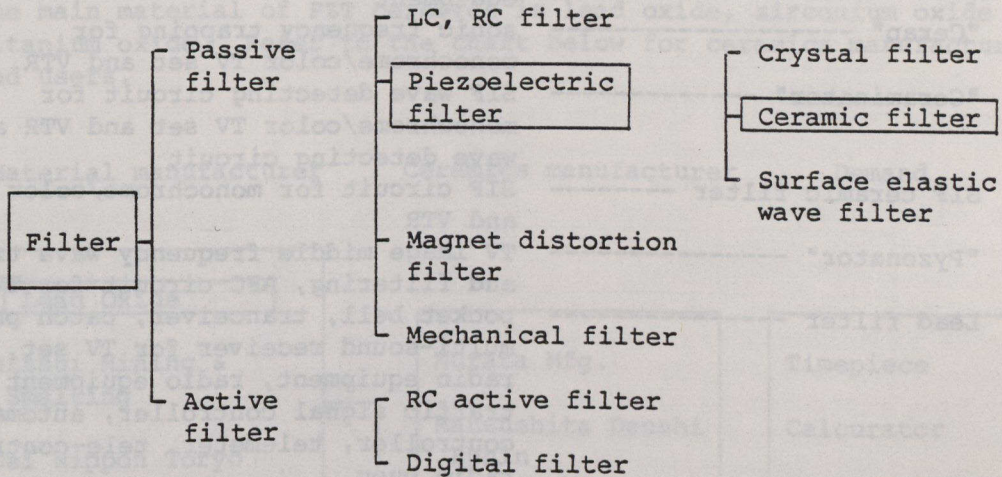


## Piezoelectric Ceramic Filter

Filters are so produced to pass the specific frequency energy above and below certain level (or that within a specific range) and shut out (or pass) the energy of other frequency range. They are categorized by function and by material as follows:



Of these, piezoelectric ceramic filters are classified by use for low frequencies or for high frequencies with major applications for TV and FM/AM radio sets.

Since advanced selectivity required for today's high performance FM/AM sets crucially calls for more sophisticated selection devices, piezoelectric filters, especially ceramic filters become widely used in place of LC type filters. (Among piezo-electric filters, ceramic filter especially have many advantages as follows: they can be produced in mass as compared with crystal filters and are easy to be converted into various shapes. They are compact in size and economical.)