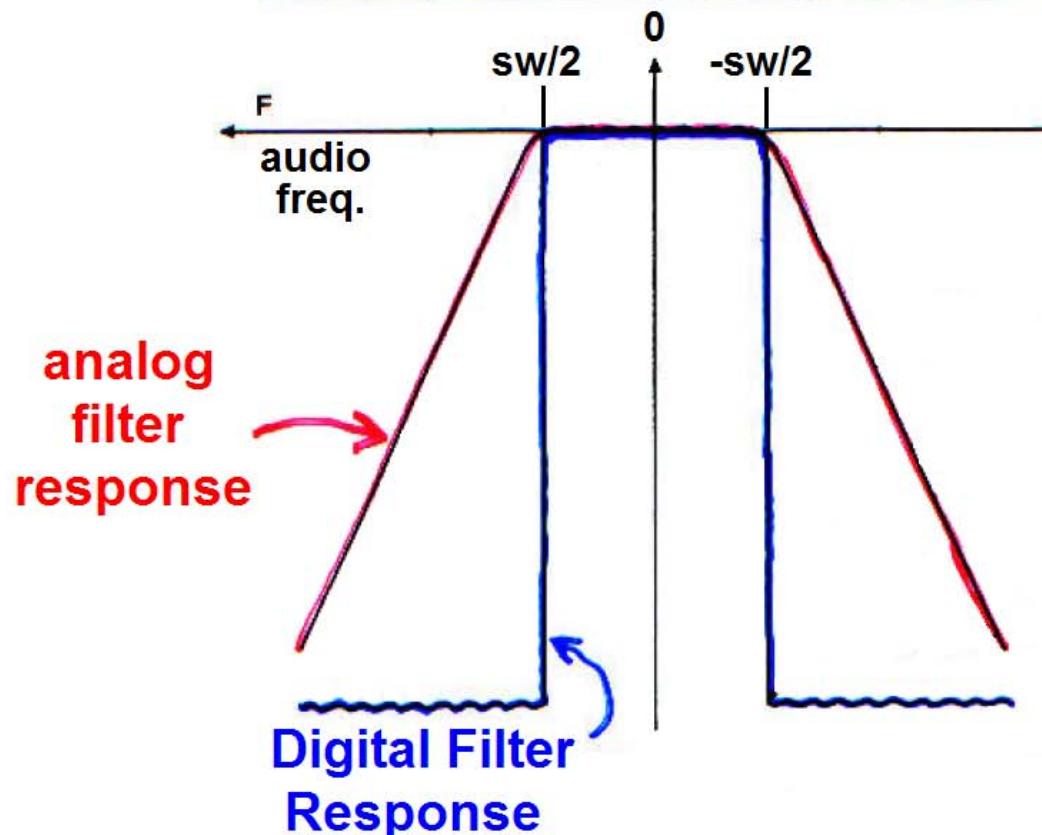


DIGITAL FILTERS



Digital Filters operate on digital data after sampling and AD-conversion.

Main features of Digital Filters:

- **Very sharp cutoffs** at the edges of the filterband.
- Linear phase within the band.
- Well known characteristics (amplitude, phase, group delay, etc).
- High accuracy and stability.
- No errors associated with components' fluctuations.
- No calibration required.
- High flexibility.
- Characteristics can be changed under software control (adaptive filters).
- Speed limitation depending on speed of DSP-modules.