mTimeSignal # mFilteredTimeSignal # mFourierSignal # mFilteredFourierSignal # mFilteredFourierSignal + BaseSignalProcessor() + ~BaseSignalProcessor() + SetTimeSignal()

TimeSignalProcessor

+ TimeSignalProcessor()+ ~TimeSignalProcessor()

+ RemoveNoise() + GenerateHistogram()

+ getTimeSignal()+ getFilteredTimeSignal()+ getFourierSignal()+ getFilteredFourierSignal()

+ SaveFile()