Possible fft libraries:

<https://www.fftw.org/> - common, fast, & accurate (linux)

<https://www.kurims.kyoto-u.ac.jp/~ooura/fft.html> - simple functions

<https://www.gnu.org/software/gsl/>

<https://www.gnu.org/software/gsl/doc/html/fft.html>

<https://bitbucket.org/jpommier/pffft/src/master/pffft.h> - simple 1D, but not as fast

<https://github.com/aimukhin/minfft/blob/master/README.md> - simple library on GitHub, simple/small, and comparable performance

<https://www.hackster.io/dsp2/fft-acceleration-with-vitis-237412#toc-compile-the-demo-fft-benchmarking-application-7> - hardware