Generator

double amplitude

uint16_t samples_per _cycle

double bias

uint16_t internal_clock

+ Generator()

+ virtual double tick()=0

+ void setAmplitude(double amplitude)

+ void setSamplesPerCycle (uint16_t samples_per _cycle)

+ void setBias(double bias)

+ double getAmplitude()

+ uint16_t getSamplesPerCycle()

+ double getBias()

+ void resetClock()

double advanceClockAndReturn (double)

GeneratorProstokatny

+ GeneratorProstokatny()

+ double tick() override

+ void setDutyCycle(double duty_cycle)

+ double getDutyCycle()

GeneratorSinusoida

+ GeneratorSinusoida()

+ double tick() override