

DAFTAR SINGKATAN DAN SIMBOL

DAFTAR SINGKATAN

SpO ₂	= Saturasi Oksigen dalam darah perifer
PPG	= Photoplethysmograph
IIR	= <i>Infinite Impulse Response</i>
FIR	= <i>Finite Impulse Response</i>
FFT	= <i>Fast Fourier Transform</i>
PSD	= <i>Power Spectral Density</i>
SNR	= <i>Signal-to-Noise Ratio</i>
LCD TFT	= <i>Liquid Crystal Display - Thin Film Transistor</i>
GUI	= <i>Graphical User Interface</i>
CPU	= <i>Central Processing Unit</i>
RAM	= <i>Random Access Memory</i>
ROM	= <i>Read Only Memory</i>
USB	= <i>Universal Serial Bus</i>
ESP	= <i>Espressif (ESP8266)</i>
ADC	= <i>Analog to Digital Converter</i>
DC	= <i>Direct Current</i>
AC	= <i>Alternating Current</i>
LED	= <i>Light Emitting Diode</i>
IR	= <i>Infrared</i>
ECG	= <i>Electrocardiography</i>
IoT	= <i>Internet of Things</i>
CSV	= <i>Comma Separated Values</i>
PC	= <i>Personal Computer</i>
Vcc	= <i>Voltage Common Collector (tegangan positif)</i>

DAFTAR SIMBOL

SpO ₂	= Saturasi oksigen (dalam %)
R	= Rasio amplitudo AC/DC RED terhadap IR
V	= Volt (tegangan listrik)
A	= Ampere (arus listrik)
Ω (Ohm)	= Hambatan listrik
Hz	= Hertz (frekuensi)
dB	= Decibel (rasio logaritmik daya/sinyal)
f _c	= Frekuensi cutoff
t	= Waktu (detik)
SNR	= Signal-to-Noise Ratio
Error (%)	= Persentase kesalahan
FFT(x)	= Transformasi Fourier cepat dari sinyal x