

## DAFTAR GAMBAR

2.1	Anatomi Jantung	14
2.2	Photoplethysmography mode transmisi	16
2.3	Photoplethysmography mode reflektansi	17
2.4	Pulse Oxymeter	18
2.5	MAX30102	20
2.6	Baterai	24
2.7	ESP32	25
2.8	Switch ON/OFF	28
2.9	IC Regulator	29
2.10	<i>Software</i> Arduino	30
3.1	Blok Diagram Perancangan Alat	32
3.2	Diagram Alir MAX30102	33
3.3	Diagram Alir Website	34
3.4	Diagram Mekanisme Alat	36
4.1	Grafik Hasil Pengukuran BPM, SpO <sub>2</sub> , dan Suhu	48
5.1	Modul Keseluruhan	49