

## DAFTAR SINGKATAN

|           |   |
|-----------|---|
| MUT       | : Munaasir Utama Tarctors   |
| HTI       | : Hutan Tanaman Industri  |
| IoT       | : <i>Internet of Things</i>   |
| URL       | : <i>Uniform Resource Locator</i>   |
| API       | : <i>Application Programming Interface</i>  |
| ID        | : <i>Identifier</i>   |
| HTTP      | : <i>Hypertext Transfer Protocol</i>  |
| HTTPS     | : <i>Hypertext Transfer Protocol Secure</i>   |
| I2C       | : <i>Inter-Integrated Circuit</i>   |
| LCD       | : <i>Liquid Crystal Display</i>   |
| GPRS      | : <i>General Packet Radio Service</i>   |
| MQTT      | : <i>Message Queuing Telemetry Transport</i>  |
| CoAP      | : <i>Constrained Application Protocol</i>   |
| IDE       | : <i>Integrated Development Environment</i>   |
| ASTM      | : <i>American Society for Testing and Materials</i>                                     |
| SSID      | : <i>Service Set Identifier</i>   |
| BLE       | : <i>Bluetooth Low Energy</i>   |
| WiFi IEEE | : <i>Wireless Fidelity (Institute of Electrical and Electronics Engineers Standard)</i> |
| GPIO      | : <i>General-Purpose Input/Output</i>   |
| RAM       | : <i>Random Access Memory</i>   |
| ADC       | : <i>Analog to Digital Converter</i>  |
| DAC       | : <i>Digital to Analog Converter</i>  |
| SPI       | : <i>Serial Peripheral Interface</i>  |
| UART      | : <i>Universal Asynchronous Receiver-Transmitter</i>                                    |
| KB        | : <i>Kilobyte</i>   |
| USB       | : <i>Universal Serial Bus</i>   |
| RPM       | : <i>Revolutions Per Minute</i>   |
| LPM       | : <i>Liters Per Minute</i>  |
| PWM       | : <i>Pulse Width Modulation</i>   |
| SDA/SCL   | : <i>Serial Data/Serial Clock</i>   |