

DAFTAR SINGKATAN

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| IoT | : <i>Internet of Things</i> |
| LPWAN | : <i>Low Power Wide Area Network</i> |
| LoRa | : <i>Long Range</i> |
| LoRaWAN | : <i>Long Range Wide Area Network</i> |
| LCD | : <i>Liquid crystal display</i> |
| RSSI | : <i>Received Signal Strength Indication</i> |
| SNR | : <i>Signal to Ratio</i> |
| FSPL | : <i>Free Space Path Loss</i> |
| SF | : <i>Spreading Factor</i> |
| QoS | : <i>Quality Of Service</i> |
| MHz | : <i>Megahertz</i> |
| RF | : <i>Radio Frequency</i> |
| Tx | : <i>Transmitter</i> |
| Rx | : <i>Receiver</i> |
| TH | : <i>Through Hole</i> |
| SMD | : <i>Surface Mount Device</i> |
| PCB | : <i>Printed Circuit Board</i> |
| LED | : <i>Light Emitting Diode</i> |
| Wi-Fi | : <i>Wireless Fidelity</i> |
| NPK | : <i>Nitrogen, Phosphorus, Kalium</i> |
| SDA | : <i>Serial Data</i> |
| SCL | : <i>Serial Clock</i> |
| I2C | : <i>Inter Integrated Circuit</i> |
| IDE | : <i>Integrated Development Environment</i> |
| HTTP | : <i>Hypertext Transfer Protocol</i> |
| MQTT | : <i>Message Queuing Telemetry Transport</i> |
| CoAP | : <i>Constrained Application Protocol</i> |
| dB | : <i>desibel</i> |
| dBm | : <i>desibel-milliwatt</i> |
| kbps | : <i>Kilobyte per second</i> |
| M2M | : <i>Machine to Machine</i> |
| WSN | : <i>Wireless Sensor Network</i> |
| PAN | : <i>Personal Area Network</i> |
| CAD | : <i>Computer Aided Design</i> |
| BMS | : <i>Battery Management System</i> |