

**“I hereby acknowledge that the scope and quality of this thesis is qualified for the
award of the Bachelor Degree of Electrical Engineering (Electronics)”**

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FLOOD DETECTOR

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**To my beloved mother and father, sister and Hafiz
for their patience and love**

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LIST OF SYMBOLS

A	-	Ampere (unit of electric current)
CTS	-	Clear to Send
dB	-	Decibel (logarithmic unit of measurement in electronics)
DIP	-	Dual In-line Package
GPIO	-	General Purpose Input/Output
GSM	-	Global System for Mobile communications
GUI	-	Graphic User Interface
Hz	-	Hertz (measure of frequency)
IDE	-	Integrated Development Environment
ISM	-	Industrial-Scientific-Medical
LED	-	Light-Emitting Diode
Mbit/s	-	Megabit per second
NAND	-	equivalent to an AND gate leading to NOT gate
NPN	-	one of the two types of bipolar transistors
OEM	-	Original Equipment Manufacturer
PC	-	Personal Computer
PDA	-	Personal Digital Assistant
PIC	-	Programmable Intelligent Computer
RF	-	Radio Frequency
RTS	-	Request to Send
Rx	-	Receiver
RxD	-	Receive Data
SCI	-	Serial Communication Interface
SMS	-	Short Message Service

SPI	-	Serial Peripheral Interface Bus
SPP	-	Serial Port Profile
Tx	-	Transmitter
TxD	-	Transmit Data
UART	-	Universal Asynchronous Receiver/Transmitter
USB	-	Universal Serial Bus
UWB	-	Ultra-Wideband
V	-	Volt (voltage)
VHF	-	Very High Frequency

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