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JUDUL: **HOME AUTOMATION SYSTEM USING POWER LINE COMMUNICATION**

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HOME AUTOMATION SYSTEM USING POWER LINE COMMUNICATION

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A report submitted as partial fulfillment of the requirements for the award of the
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LIST OF SYMBOLS

Hz	-	Hertz
s	-	Seconds
m	-	Meters
Ω	-	Ohms
dB	-	Decibel
V	-	Volts
F	-	Farad
H	-	Henry
A	-	Ampere
W	-	Watt
m	-	mili
k	-	kilo
M	-	Mega
μ	-	Micro
p	-	Pico
n	-	Nano
<i>f</i>	-	frequency

LIST OF ABBREVIATIONS

PLC	-	Power Line Communication
PIC	-	Peripheral Interface Controller
GUI	-	Graphical User Interface
VB	-	Visual Basic
ASK	-	Amplitude Shift Keying
AGC	-	Automatic Gain Control
DAM	-	Digital Amplitude Modulation
RKE	-	Remote Keyless Entry
TPM	-	Tire Pressure Monitoring
I/O	-	Input/Output
LCD	-	Liquid Crystal Display
IC	-	Integrated Circuit
RAM	-	Random Access Memory
CPU	-	Central Processing Unit
RAD	-	Rapid Application Development
TTL	-	Transistor-transistor Logic
CMOS	-	Complementary-metal-oxide Semiconductor
PC	-	Personal Computer
TX	-	Transmit
RX	-	Receive
ROM	-	Read Only Memory
NRZ	-	Non-Return-to-Zero
TDH	-	Total Harmonic Distortion
PCB	-	Printed Circuit Board

ADC	- Analog to Digital
DC	- Direct Current
AC	- Alternating Current
LED	- Light Emitting Diode
V _{PP}	- Peak to peak Voltage
RMS	- Root Mean Square

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