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BUDC

SOLUTIONS

CARD SOLUTIONS

CONSUMER ELECTRONICS

1. CEILING FAN SOLUTIONS
• LOW VOLTAGE • HIGH VOLTAGE

2. EXHAUST FAN SOLUTIONS

3. AIR CONDITIONER SOLUTIONS
• INDOOR UNIT • OUTDOOR UNIT



BLE



IR



RF



REGULATOR



LED UNDERLIGHT
WITH 3 MODES:
WARM, NATURAL, COOL
WITH DIMMING OPTIONS

AUTOMOTIVE ELECTRONICS

1. SEAT COOLING FAN

2. WATER COOLING PUMP FOR MOTOR

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CONSUMER ELECTRONICS

CEILING FAN SOLUTIONS



IR REMOTE



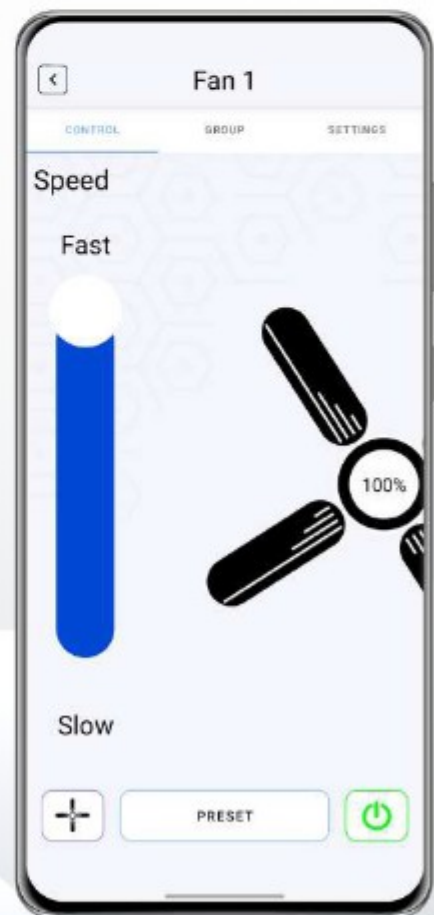
RF REMOTE



REGULATOR



**LED UNDERLIGHT
WITH 3 MODES:
WARM, NATURAL, COOL
WITH DIMMING OPTIONS**



BLE

CEILING FAN SOLUTION



Dimensions:
106MM X 91MM X 35MM



LOW VOLTAGE 32W & 40W (MAX)

COMPATIBILITY

IR RF BLE Regulator

BLE + RF BLE + IR 9W (Light - Dimming, CCT)

LOW VOLTAGE 32W (MINI)



COMPATIBILITY

IR RF

Dimensions:

85MM X 80MM X 35MM

LOW VOLTAGE POWER SUPPLY + CHILDCARD (WITH 6 LED)



COMPATIBILITY

IR

RF

HIGH VOLTAGE 32W



COMPATIBILITY

IR

RF

BLE

BLE + RF

BLE + IR

DC Voltage Range

Power Range

Control Mode

Upto 400

15W - 32W

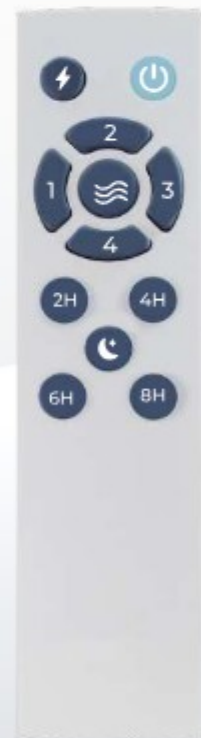
Single Resistor Non-Inductive FOC Control

CARD IS COMPATIBLE WITH ALL TYPES OF BLDC CEILING FANS

PARAMETERS	SPECIFICATIONS
DC Voltage	24
I/P Power	Upto 34W & Upto 45W
Control Mode	Single resistor non-inductive FOC control
AC Voltage Range	110V to 300VAC
THD	<5% at Full Load
Efficiency	>86% at Full Load
Lower CutOff	90V +- 10V
Higher CutOff	305V +- 10%
Rated Power Factor	>0.95
Surge Immunity(L-N)	IEC-61000-4-5
High Voltage (Withstand)	440VAC (Fan will cutoff after 305VAC)
EMI	EN55015 (Power Port), EN55022A (Main Term A), EN55022B (Main Term B)
Protections	OVP, OLP, OCP, SC Built in

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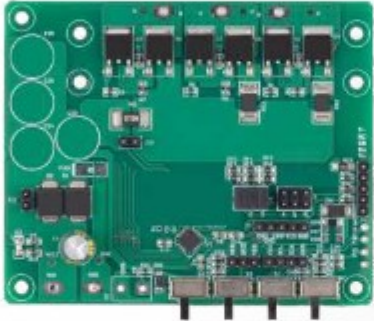
REMOTES AVAILABLE FOR CEILING FANS



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EXHAUST FAN SOLUTION



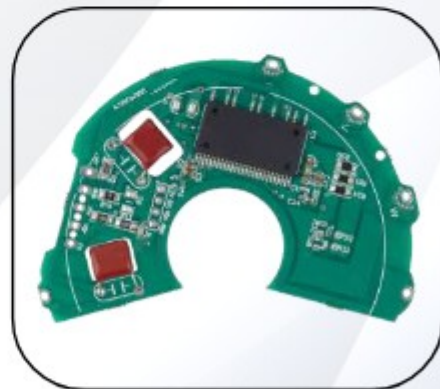


DC Voltage Range	Power Range	Control Mode
12V-24V	1W - 40W	Single Resistor Sensorless Foc Control

AIR CONDITIONER SOLUTION INDOOR & OUTDOOR UNIT



Voltage	Power	Control Mode
DC 300V	50W-80W	Three Resistor Sensorless FOC Control



Voltage	Power	Control Mode
DC 300V	150W	Dual Resistor Sensorless FOC Control

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AUTOMOTIVE ELECTRONICS

SEAT COOLING FAN



Voltage	Power	Control Mode
12V - 48V	9W	Three Resistor Sensorless FOC Control

WATER COOLING PUMP FOR MOTOR



Voltage	Power	Control Mode
12V - 48V	80W	Three Resistor Sensorless FOC Control

SOLUTIONS SUPPORT

SMART APPLIANCES



VACCUM CLEANER



AIR PURIFIER



EXHAUST HOOD



DISH WASHER

WHITE APPLIANCES



WASHING MACHINE



REFRIGERATOR



WATER HEATER



ELECTRIC BIKE

EV

INDUSTRIAL EQUIPMENTS



ELECTRIC DRILL



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INDUSTRIAL WATER PUMP



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- Intelligent Power Module



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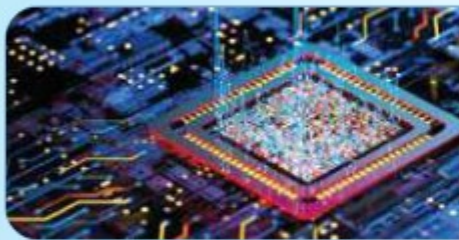


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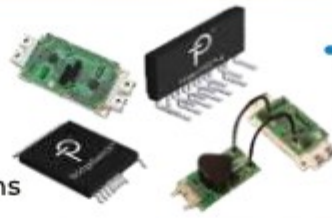
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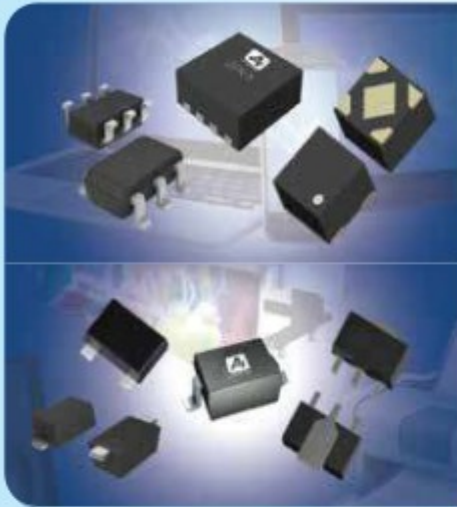


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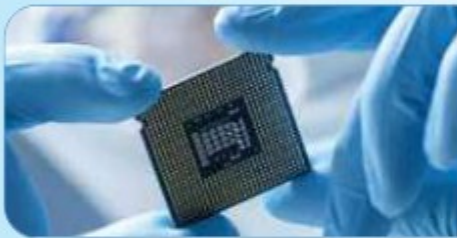
Discrete Components

- Diodes
- Protection Device
- Transistor
- MOSFET
- Bridge Rectifier
- Regulator

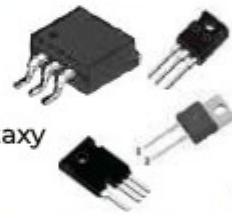


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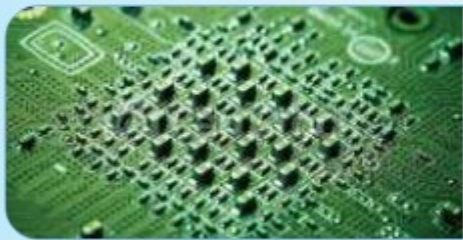
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- RF Transceiver
- Human Body Sensor Chip
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- Array Resistor
- Shunt Resistors
- Coil Resistors



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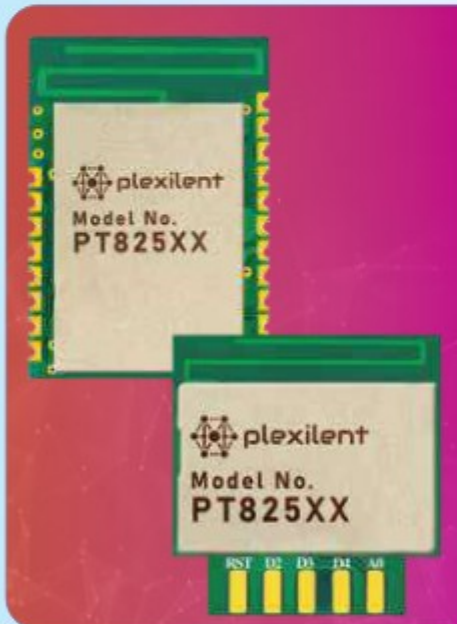
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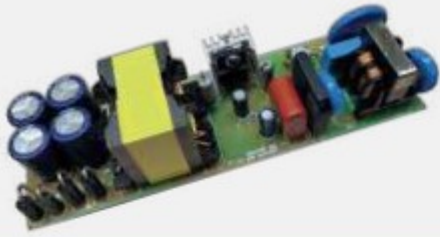
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Proposed Solutions



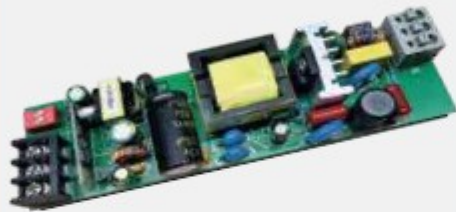
**Power Supply
Solutions**



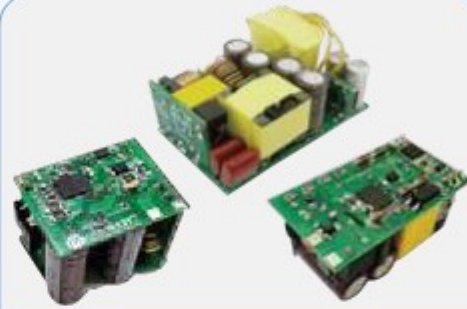
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