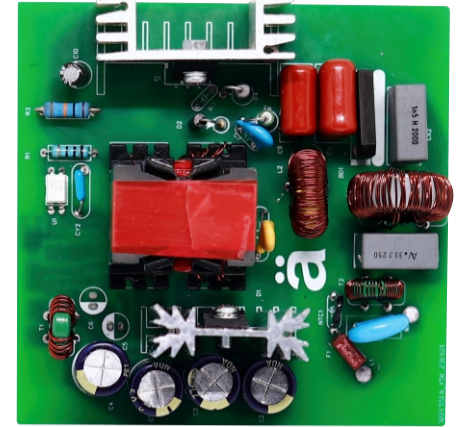
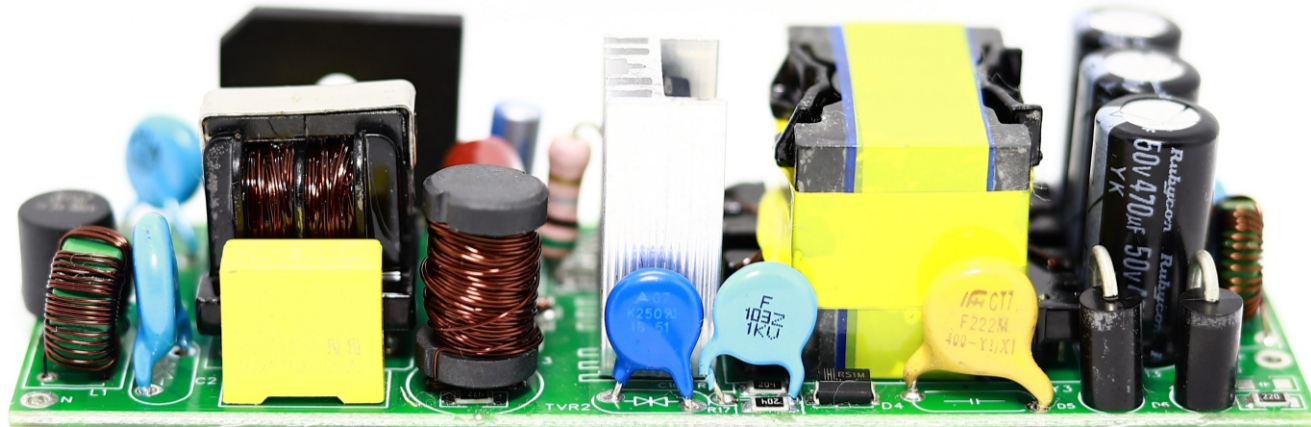




LED Driver & LED Chip Catalog



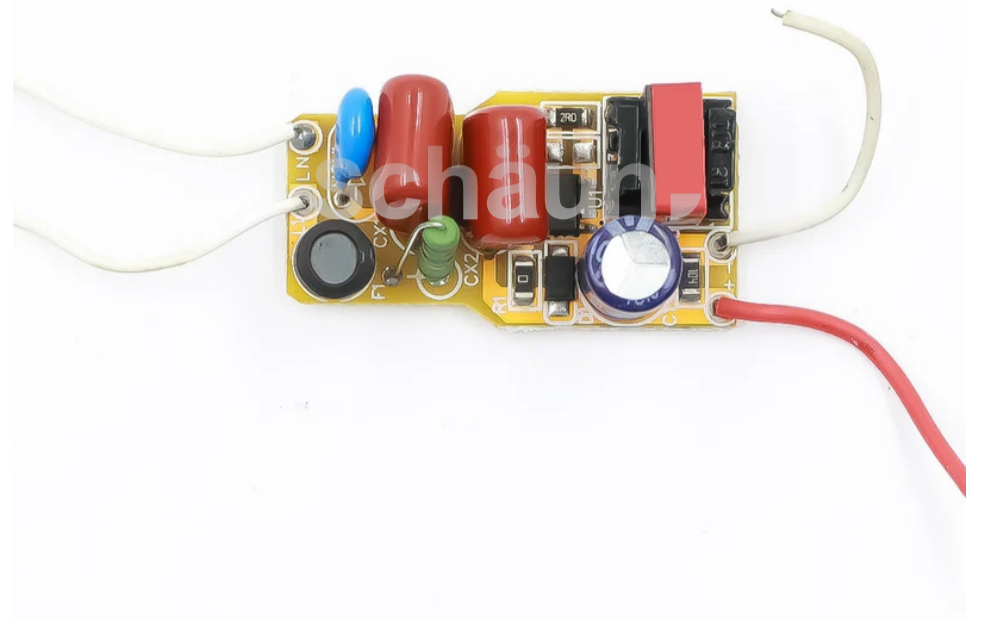
Contents

1.	External Constant Current LED Driver-----	02
2.	0-10 Voltage Dimmable LED Constant Current LED Driver-----	03
3.	T8 LED Driver (Internal)-----	04
4.	High PF Open Frame LED Driver-----	05
5.	Flicker Free LED Bulb Driver-----	06
6.	Constant Voltage LED Power Supply-----	06
7.	Constant Current LPF Open Frame LED Driver-----	06
8.	Motion Sensor LED Driver Bulb & Downlight-----	08
9.	LDR HP/LP LED Control Driver-----	09
11	Motion Sensor Light Switch Pir-Infrared-----	09
10.	Dimmable Constant Current LED Driver 4CH/8CH/12CH/16CH-----	10
11.	Aluminum PCB LED Chip 2835/3030/5730-----	11
11.	Wireless 1-KM Stadium/Farmhouse Constant Current LED Driver-----	12
12.	DALI Control LED Driver-----	13
13.	IR-Remote/Bluetooth Control Constant Current LED Driver-----	13
14.	Bluthooth Home Automation Control Board-----	14



External Constant Current LED Driver

THD < 20%
Non-Isolation Design: Safe and EMC + LVD Compliance
High PF 0.96, without Flickering
Surge protection(Varistor) 3.5Kv
Easy to assemble

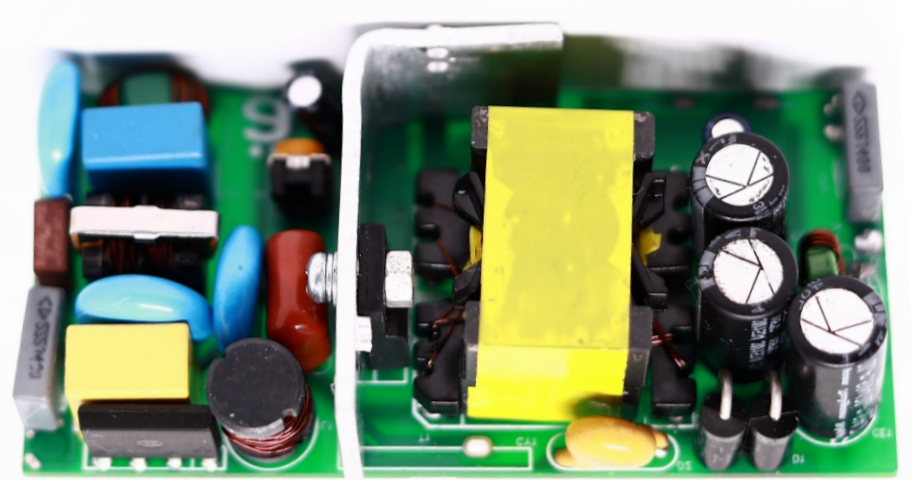


Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SED007-CXI-C	7 Watt	85-265V AC	20-30 V	300mA	82%	0.92	<20%	20x40x18
			42-54 V	150mA	80%			
SED009-CXI-C	9 Watt	85-265V AC	27-39 V	300mA	82%	0.92	<20%	20x40x18
			54-66V	150mA	80%			
SED012-CXI-C	12 Watt	85-265V AC	36-58 V	300mA	82%	0.95	<20%	20x40x18
			72-84 V	150mA	80%			
SED015-CXI-C	15 Watt	85-265V AC	45-60 V	300mA	84%	0.95	<20%	20x40x18
			90-110 V	150mA	82%			
SED018-CXI-C	18 Watt	85-265V AC	54-72 V	300mA	86%	0.96	<20%	20x40x18
			110-145 V	150mA	84%			
SED020-CXI-C	20 Watt	85-265V AC	60-72 V	300mA	88%	0.96	<20%	20x40x18
			120-160 V		84%			



0-10 Voltage Dimmable LED Constant Current LED Driver

High Efficiency 86%
Wide Dimming Range
Isolation Design: Safe and EMC+ LVD Compliance
3 Dimming Function in 1 Mode: 0-10V, PWM, Resistance
High PF 0.96, without Flickering
Surge protection(Varistor) 3.5Kv
Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
LD4050PF-10x5 Dimming	50 Watt	85-265V AC	27-36V	1500mA	86%	0.95	<20%	116x50x40
LD4060PF-15x4 Dimming	50 Watt	85-265V AC	30-52V	1200mA	86%	0.95	<20%	116x50x40
LD4060PF-25x2 Dimming	50 Watt	85-265V AC	50-85V	600mA	86%	0.95	<20%	116x50x40
LD80100PF-10*10 Dimming	15 Watt	85-265V AC	27-36V	3000mA	86%	0.95	<20%	20x40x18

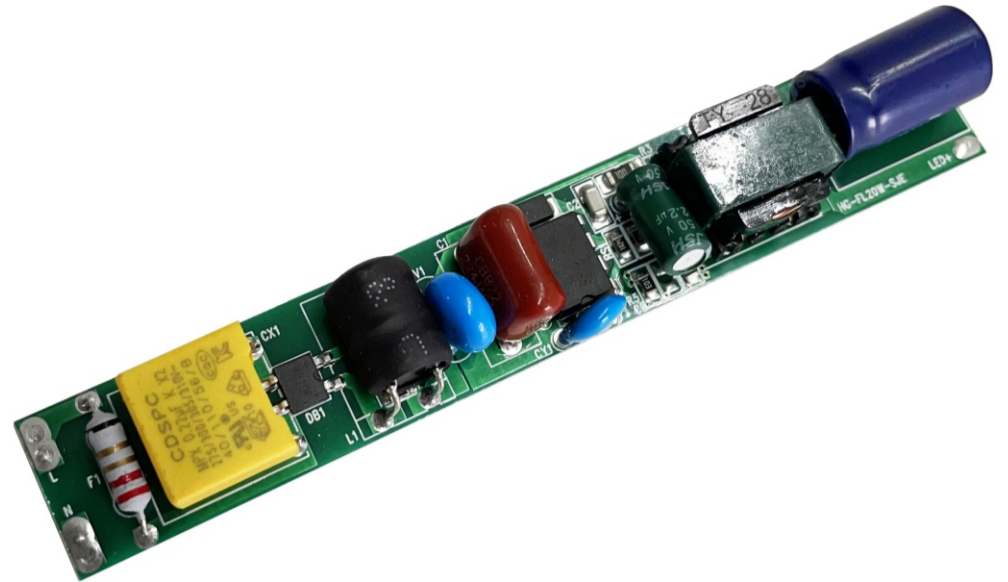


Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
LD2030PF-20x2 Dimming	50 Watt	85-265V AC	54-72V	300mA	86%	0.95	<20%	50x40x40
LD4060PF-22 Dimming	50 Watt	85-265V AC	110-140V	150mA	86%	0.95	<20%	50x40x40

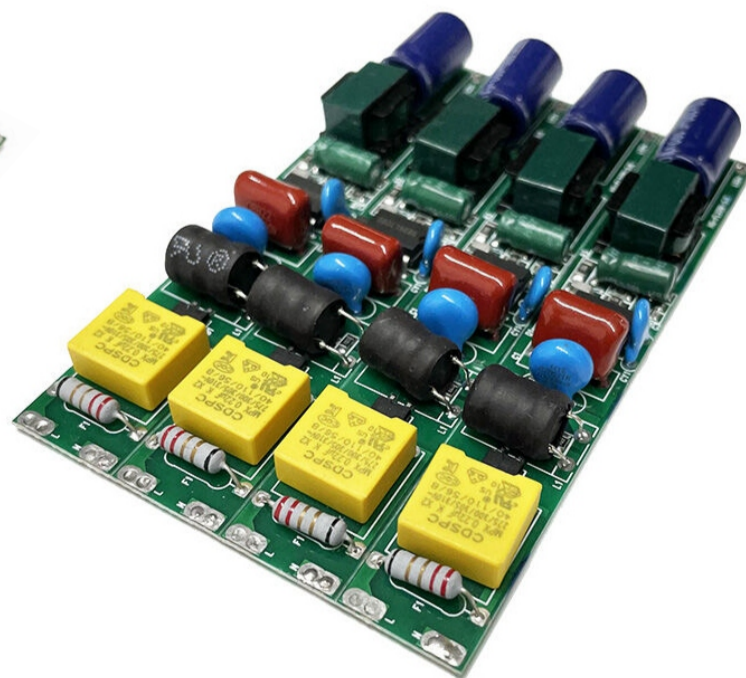
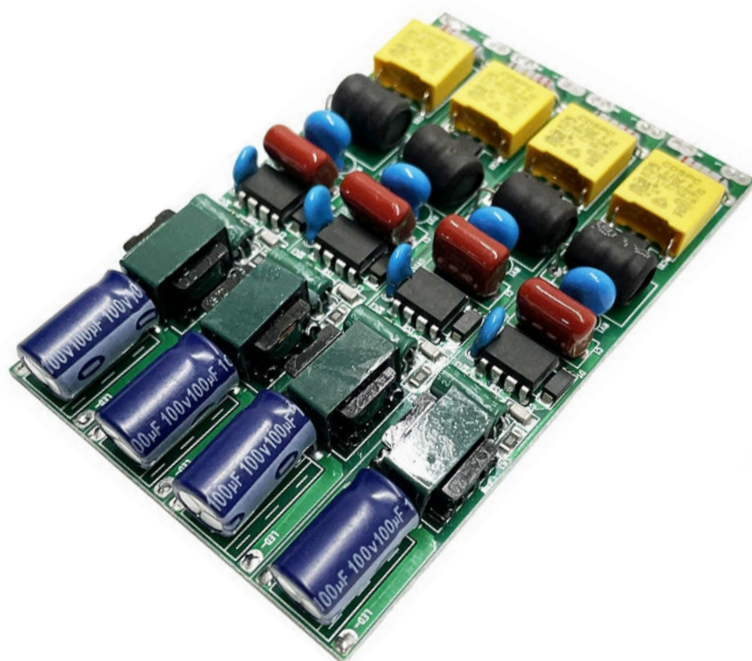


T8 LED Driver (Internal)

High Efficiency 86%
Isolation Design: Safe and EMC+ LVD Compliance
High PF 0.95, without Flickering
Surge protection (Varistor) 3.5Kv
Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD30-T8-C	30 Watt	85-265V AC	40-80V	350mA	90%	0.95	<20%	109x16x14
SCD10-T8-C	10 Watt	85-265V AC	40-80V	100mA	86%	0.95	<20%	116x50x40





High PF Open Frame LED Driver

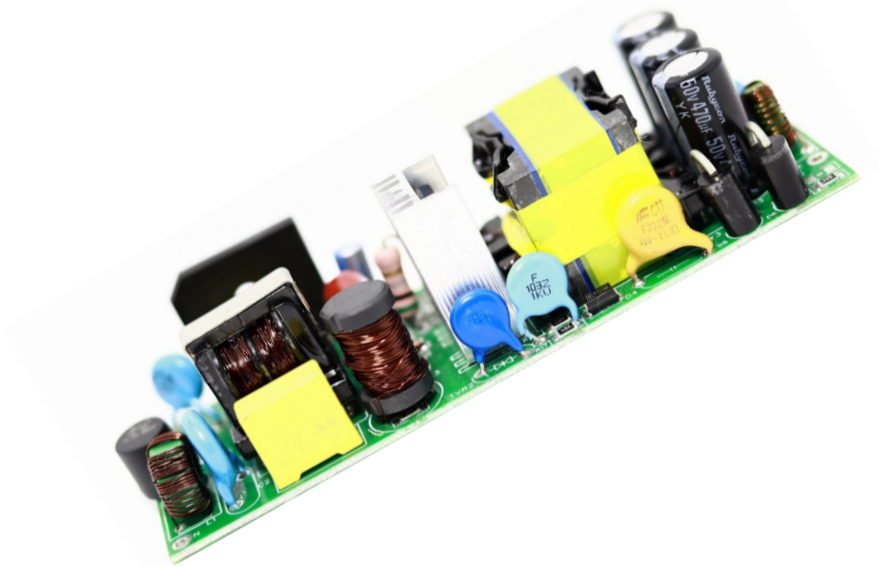
THD < 20%

Isolation Design: Safe and EMC + LVD Compliance

High PF 0.95, without Flickering

Surge protection(Varistor) 3.5Kv

Easy to assemble

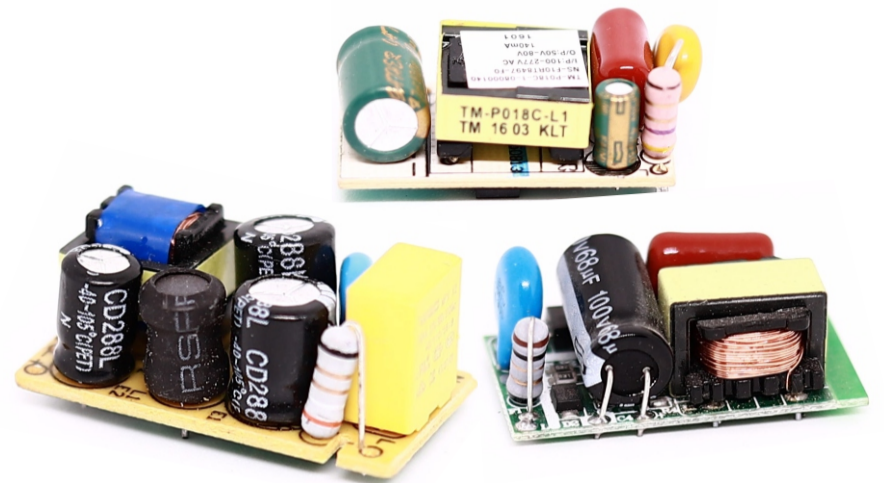


Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
XY80100PF-10x10	100 Watt	85-265V AC	27-36 V	3000mA	86%	0.95	<20%	120x45x40
XY80100PF-12x9	100 Watt	85-265V AC	46 V	2100mA	86%	0.95	<20%	120x45x40
XY4050PF-10x5	50 Watt	85-265V AC	27-42 V	1500mA	86%	0.95	<20%	120x45x40
XY4060PF-15x4	50 Watt	85-265V AC	30-52 V	1200mA	86%	0.95	<20%	120x45x40
XY4050PF-25x2	50 Watt	85-265V AC	50-85 V	600mA	86%	0.95	<20%	120x45x40
XY4040PF-25x2	40 Watt	85-265V AC	45-75 V	600mA	86%	0.95	<20%	120x45x40
XY2030PF-15x2	30 Watt	85-265V AC	48 V	600mA	86%	0.96	<20%	20x40x18
XY2030PF-10x3	20 Watt	85-265V AC	27-36 V	900mA	86%	0.96	<20%	20x40x18



Flicker Free LED Bulb Driver

THD < 15%
Non-Isolation Design: Safe + LVD Compliance
Low PF 0.6, without Flickering
Surge protection(Varistor) 3.5Kv
Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD007-CXY-C	7 Watt	85-265V AC	50-80V	140mA	80%	0.60	<15%	30x15x18
SCD012-CXY-C	12 Watt	85-265V AC	70-90V	170mA	80%	0.60	<15%	33x20x15
SCD018-CXY-C	18 Watt	85-265V AC	100-120V	180mA	80%	0.60	<15%	30x15x18

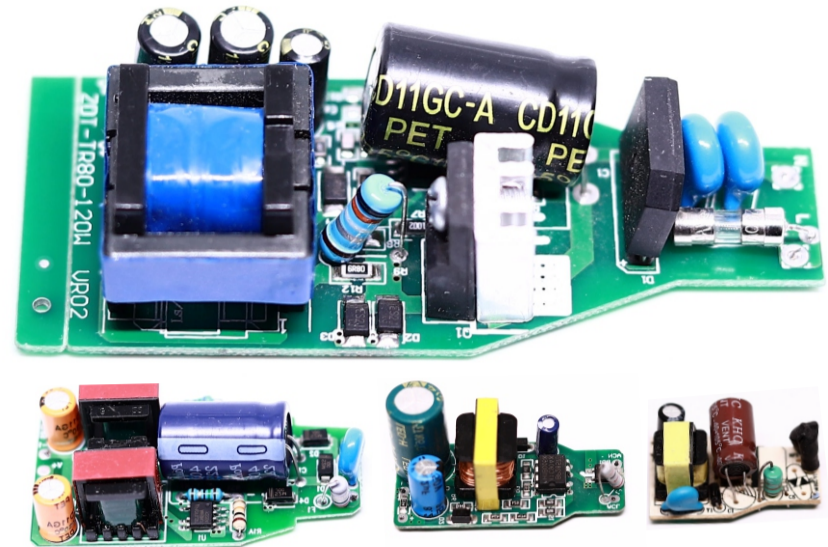
Constant Voltage LED Power Supply

Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD005-PS-C	5 Watt	85-265V AC	5V	1A	80%	0.60	<15%	30x20x20
SCD105-PS-C	10 Watt	85-265V AC	5V	2A	80%	0.60	<15%	33x20x20
SCD018-PS-C	18 Watt	85-265V AC	12V	1.5A	80%	0.60	<15%	33x20x20



Constant Current LPF Open Frame LED Driver

THD < 20%
Non-Isolation Design: Safe + LVD Compliance
Low PF 0.6, without Flickering
Surge protection(Varistor) 3.5Kv
Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD018-LPF-C	18 Watt	85-265V AC	100-140V	170mA	80%	0.60	<20%	40x24x18
SCD024-LPF-C	24 Watt	85-265V AC	140-170V	170mA	80%	0.60	<20%	30x22x15
SCD030-LPF-C	30 Watt	85-265V AC	80-120V	340mA	80%	0.60	<20%	40x26x20
SCD040-LPF-C	40 Watt	85-265V AC	120-140V	350mA	80%	0.60	<20%	40x26x20
SCD050-LPF-C	50 Watt	85-265V AC	140-160V	360mA	80%	0.60	<20%	52x25x25
SCD060-LPF-2C	60 Watt	85-265V AC	90-120V	320x2mA	80%	0.60	<20%	55x30x16
SCD100-LPF-C	100 Watt	85-265V AC	150-170V	680mA	80%	0.60	<20%	75x35x20
SCD120-LPF-C	120 Watt	85-265V AC	160-200V	700mA	80%	0.60	<15%	75x35x20



Motion Sensor LED Driver Downlight

THD < 20%
 TRIAC Switching
 Non-Isolation Design: Safe + LVD Compliance
Low PF 0.6, without Flickering
 Surge protection(Varistor) 3.5Kv
 Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD007-MOTD-C	7 Watt	85-265V AC	50-80V	140mA	80%	0.60	<15%	48x48x18
SCD012-MOTD-C	12 Watt	85-265V AC	70-90V	170mA	80%	0.60	<15%	48x48x18
SCD020-MOTD-C	20 Watt	85-265V AC	100-120V	180mA	80%	0.60	<15%	48x48x18



Motion Sensor LED Driver BULB

Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD007-MOTB-C	7 Watt	85-265V AC	50-80V	140mA	80%	0.60	<15%	48x48x18
SCD012-MOTB-C	12 Watt	85-265V AC	70-90V	170mA	80%	0.60	<15%	48x48x18
SCD018-MOTB-C	18 Watt	85-265V AC	90-120V	180mA	80%	0.60	<15%	48x48x18



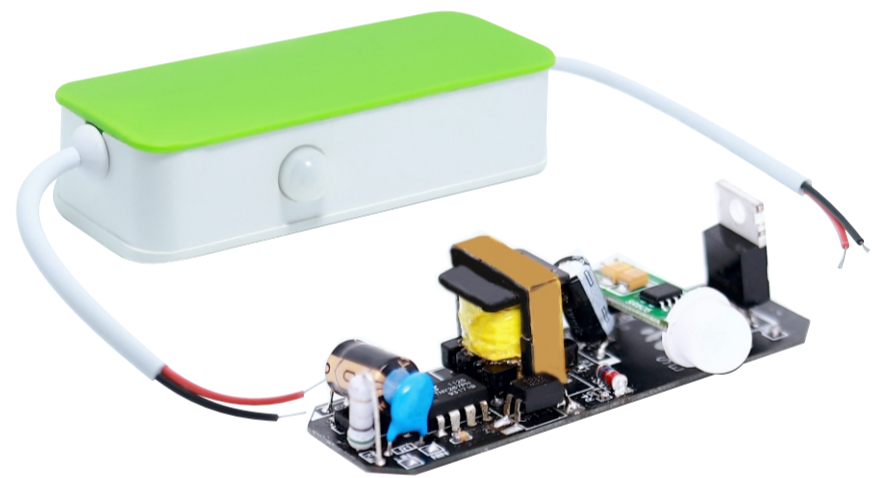
LDR HP/LP LED Control Driver

THD < 15%
TRIAC Switching
Non-Isolation Design: Safe + LVD Compliance
Low PF 0.6, without Flickering
Surge protection(Varistor) 3.5Kv
Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD004-LDR-B	800 Watt	85-265V AC	Triac Switch 220V	4A	86%	0.60	<15%	80x35x23
SCD015-LDR-B	3000 Watt	85-265V AC	Triac Switch 220V	16A	86%	0.60	<15%	80x35x23

Pir-Infrared Automatic Motion Sensor Light Switch
Operating Voltage: 110V-220V
Induction: passive infra-red
Output mode: sensor output
Induction angle: 110 cone shape
Induction distance: 4-6M
Load power: MAX-800W & 3000W



Motion Sensor Light Switch Pir-Infrared

Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD004-MOTS-B	800 Watt	85-265V AC	Triac Switch 220V	4A	86%	0.60	<15%	80x35x23
SCD015-MOTS-B	3000 Watt	85-265V AC	Triac Switch 220V	16A	86%	0.60	<15%	80x35x23



Dimmable Constant Current LED Driver 4CH/6CH/8CH/12CH/16CH

THD < 10%

Non-Isolation Design: Safe+EMI+LVD Compliance

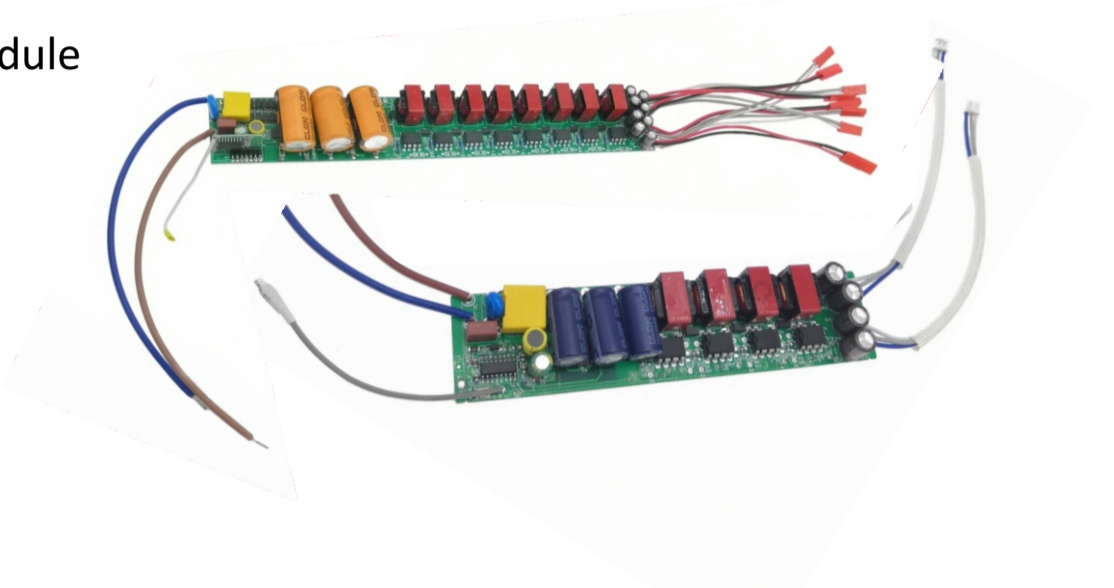
Dimming: Infrared, Blue-tooth, Wireless

Compatible With Schaun Wireless Ambient Module

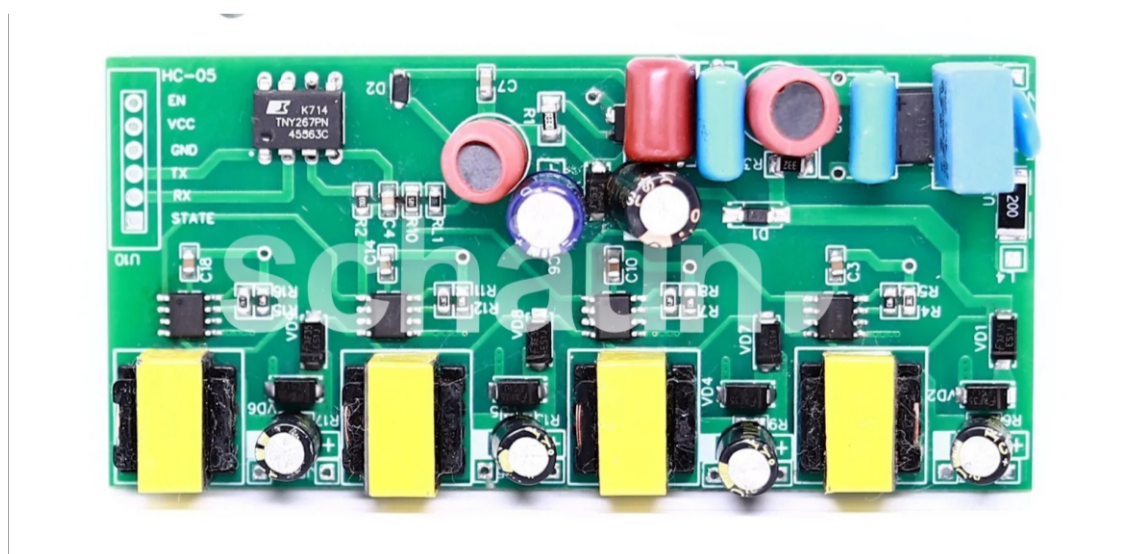
Low PF 0.96, without Flickering

Surge protection(Varistor) 3.5Kv

Easy to assemble



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD004-4CH-C	18x4 Watt	85-265V AC	100-120V	170x4mA	85%	0.96	<10%	100x50x25
SCD006-6CH-C	18x6 Watt	85-265V AC	100-120V	170x6mA	85%	0.96	<10%	120x50x25
SCD008-8CH-C	18x8 Watt	85-265V AC	100-120V	170x8mA	85%	0.96	<10%	140x50x25
SCD0012-12CH-C	18x12 Watt	85-265V AC	100-120V	170x12mA	85%	0.96	<10%	160x50x25
SCD0016-16CH-C	18x16 Watt	85-265V AC	100-120V	170x16mA	85%	0.96	<10%	180x50x25



Custom designs available. Please consult with the factory

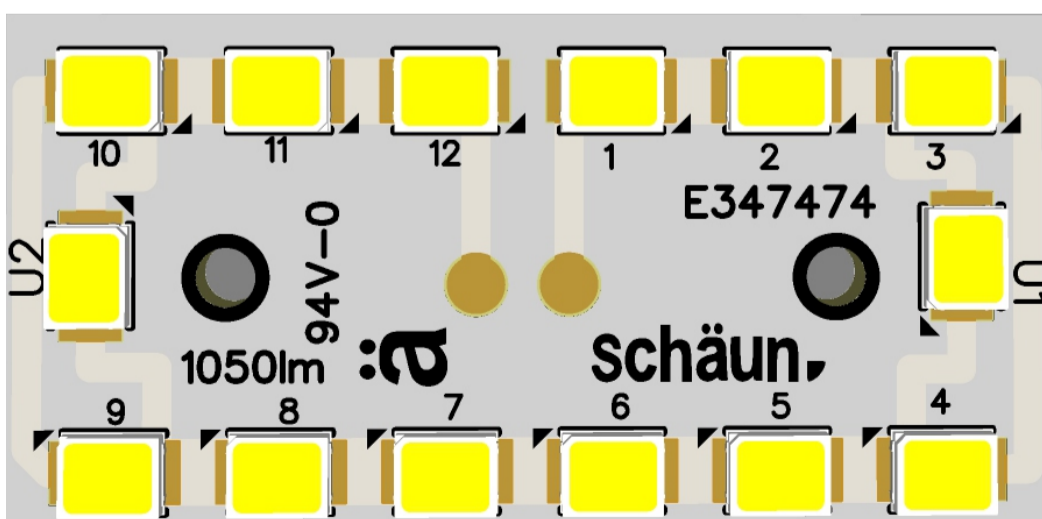
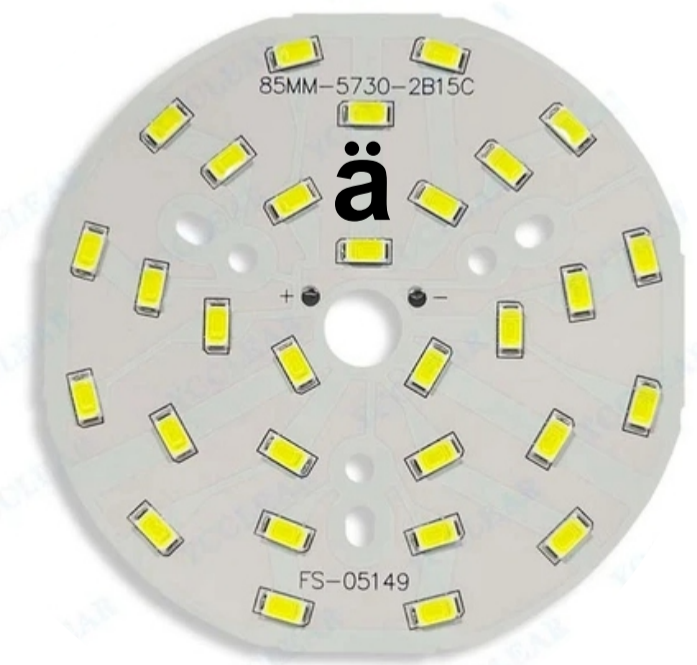
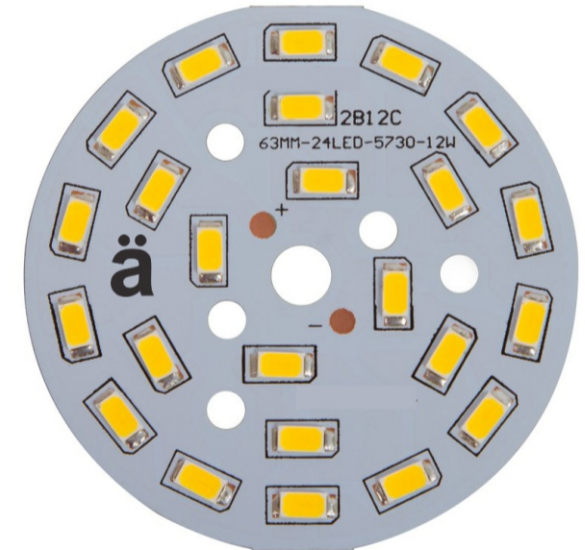
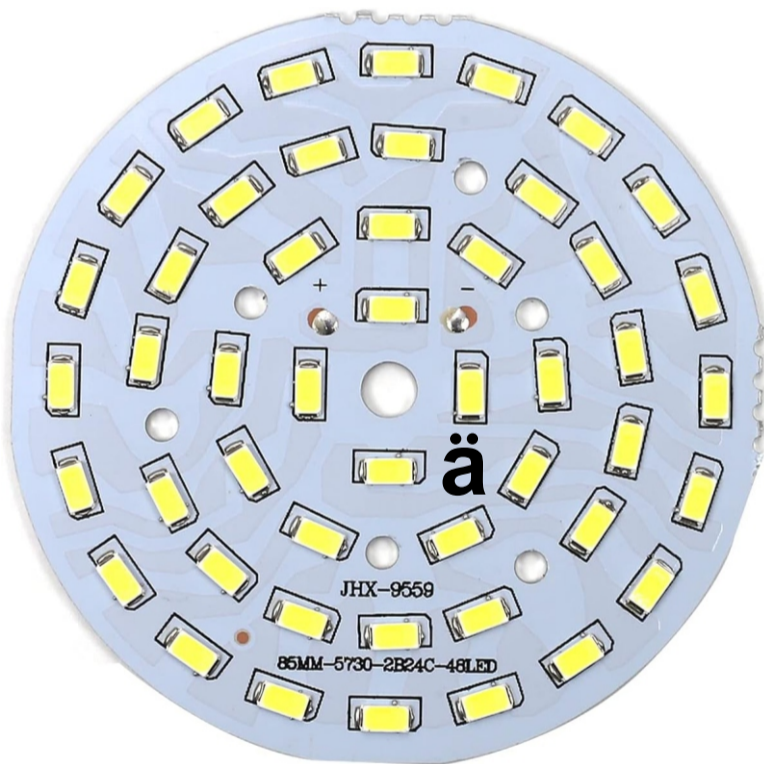
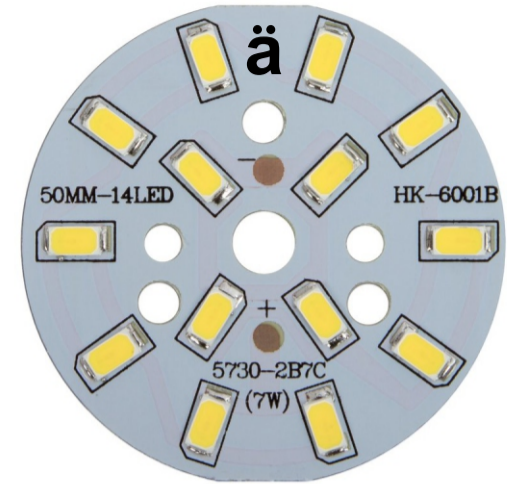
Specifications subject to change without notice.



Dimmable Constant Current LED Driver 4CH/6CH/8CH/12CH/16CH

Thermal Conductivity: 0.5/1.0/1.5/2.0w
 Thickness :0.4-2mm
 Volume Resistivity: $\geq 1.0 \times 10^6 \text{M}\Omega\text{-cm}$
 Thermal Stress: $288^\circ\text{C} \geq 120\text{Sec}$
 Peel Strength: $>6 \text{LBC/In}$
 Bow/Twist: $>1.5\%$
 Surface Resistivity: $\geq 1.0 \times 10^4 \text{M}\Omega$
 Copper Thickness: 12/15/18/25/35/75 μm
 Dielectric Breakdown: $\geq 2\text{KW}$
 Heat Resistance: $<2.0 \times 10^{-4} \text{k.m}^2/\text{w}$
 Glass Transition: $E2/105^\circ\text{C}$
 Moisture Absorption: $<1.5\%$

SMD: 2835/3030/5730/



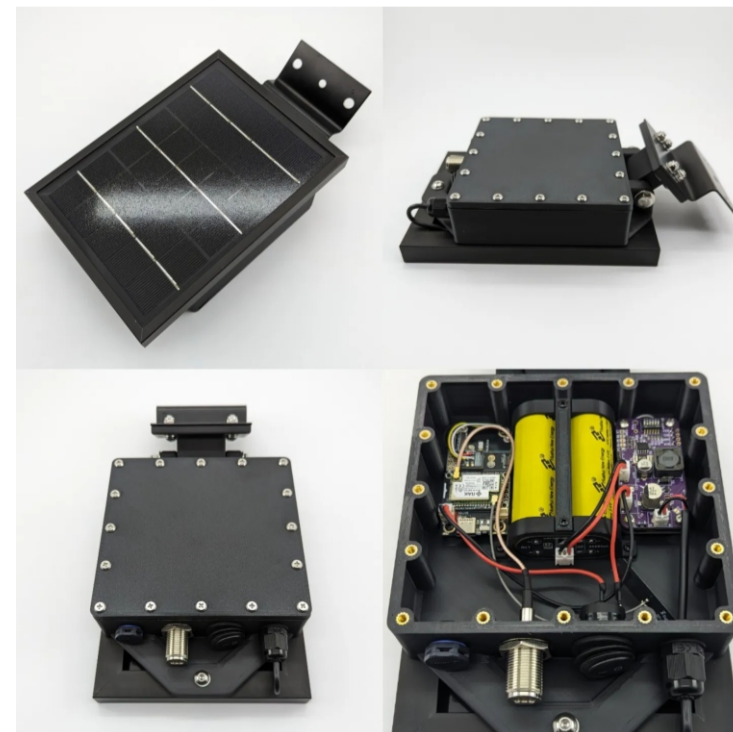
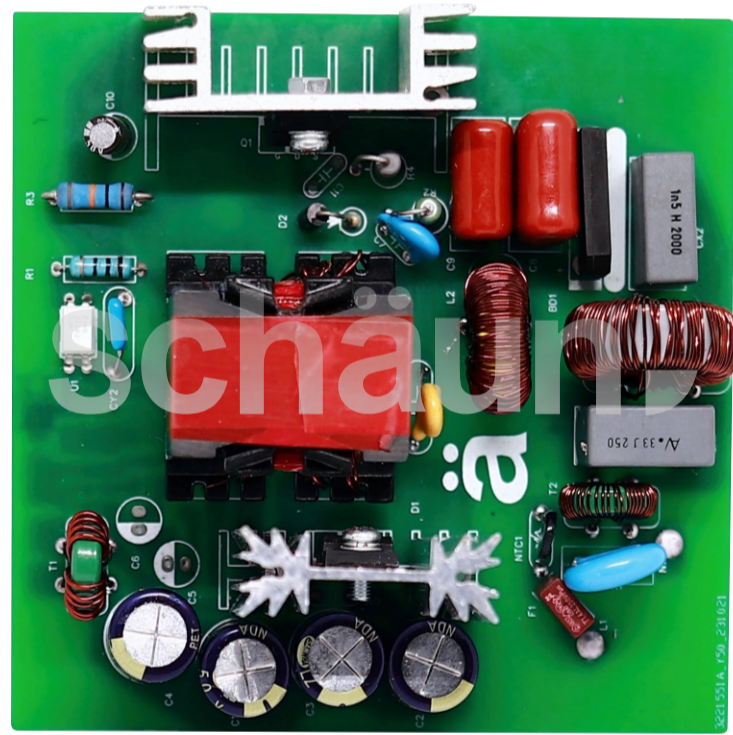
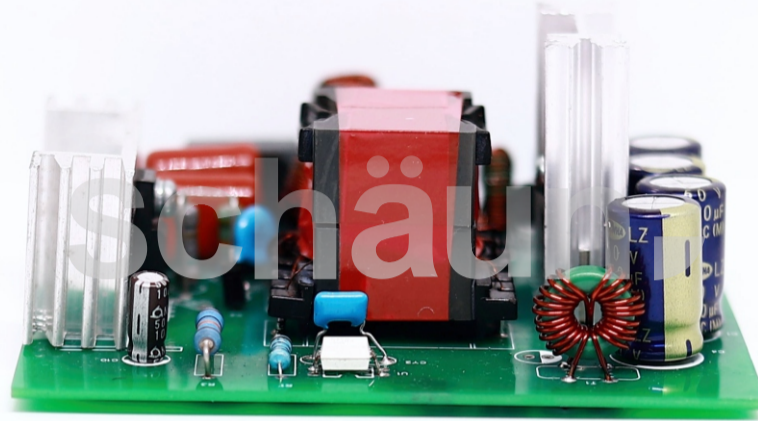


Wireless 1-KM Constant Current LED Driver

Wireless 1-KM Ambient Light auto Dimming Solution adopting Sun Light Intensity for Stadium/Farmhouse/Studio/Call Center/Gymnasium

For Further Details Kindly Visit Website

<https://schaunelectric.com/product/w-sink-led-driver-using-ambient-light-wireless-system/>



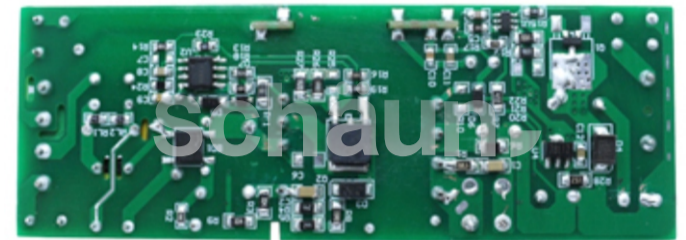
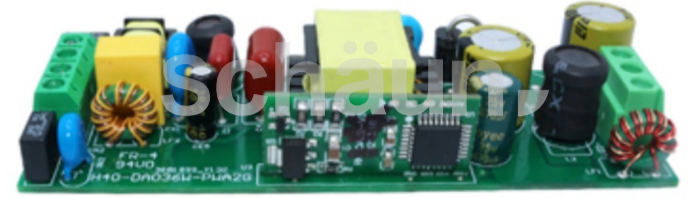
Custom designs available. Please consult with the factory

Specifications subject to change without notice.



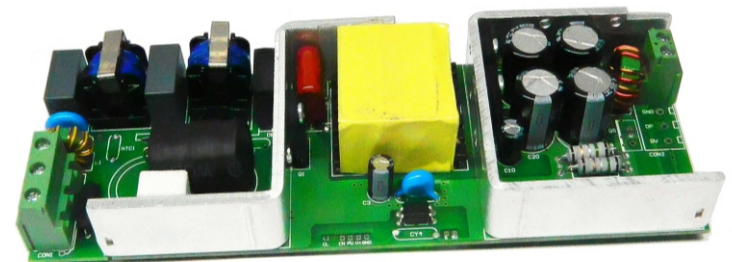
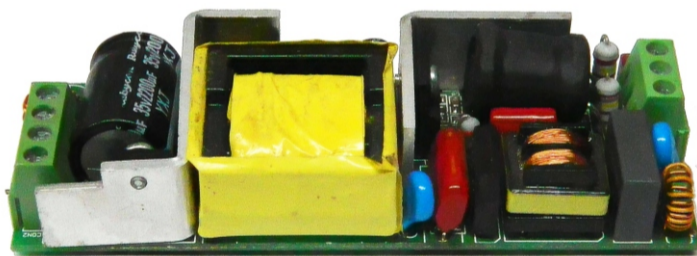
IR-Remote / Bluetooth/ DALI Control LED Driver

THD < 10%
 High PF, No-Flicker
 DALI Dimming, Push function
 Smooth dimmable light
 Working temperature: -35~+60 °C
 Storage temperature: -40~+80 °C
 Protections: Short Circuit/Over Voltage/Over temperature



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD024-DALI-B	24 Watt	85-265V AC	6-36V	600mA	86%	0.93	<10%	30x43x22

IR-Remote / Bluetooth Control LED Driver



Model No	Power	Input	Output	Current	Efficiency	PF	THD %	SIZE mm
SCD050-BLE-C	50 Watt	85-265V AC	27-36V	1500mA	86%	0.95	<10%	120x45x40
SCD050-IR-C	50 Watt	85-265V AC	27-36V	1500mA	86%	0.95	<10%	120x45x40



Bluetooth Home Automation Control Board

IOT Module with Mobile App

Auto Run Humidifier/ Air Purifier Miniature Co2 Module T6713

Sensing Room Humidity & Temperature, Alarm the if feels Less Oxygen Level

5 Channel ON/OFF Relay With App Control

1 Channel FAN Speed

One Door Sensing Alarm (Motion Sensor)

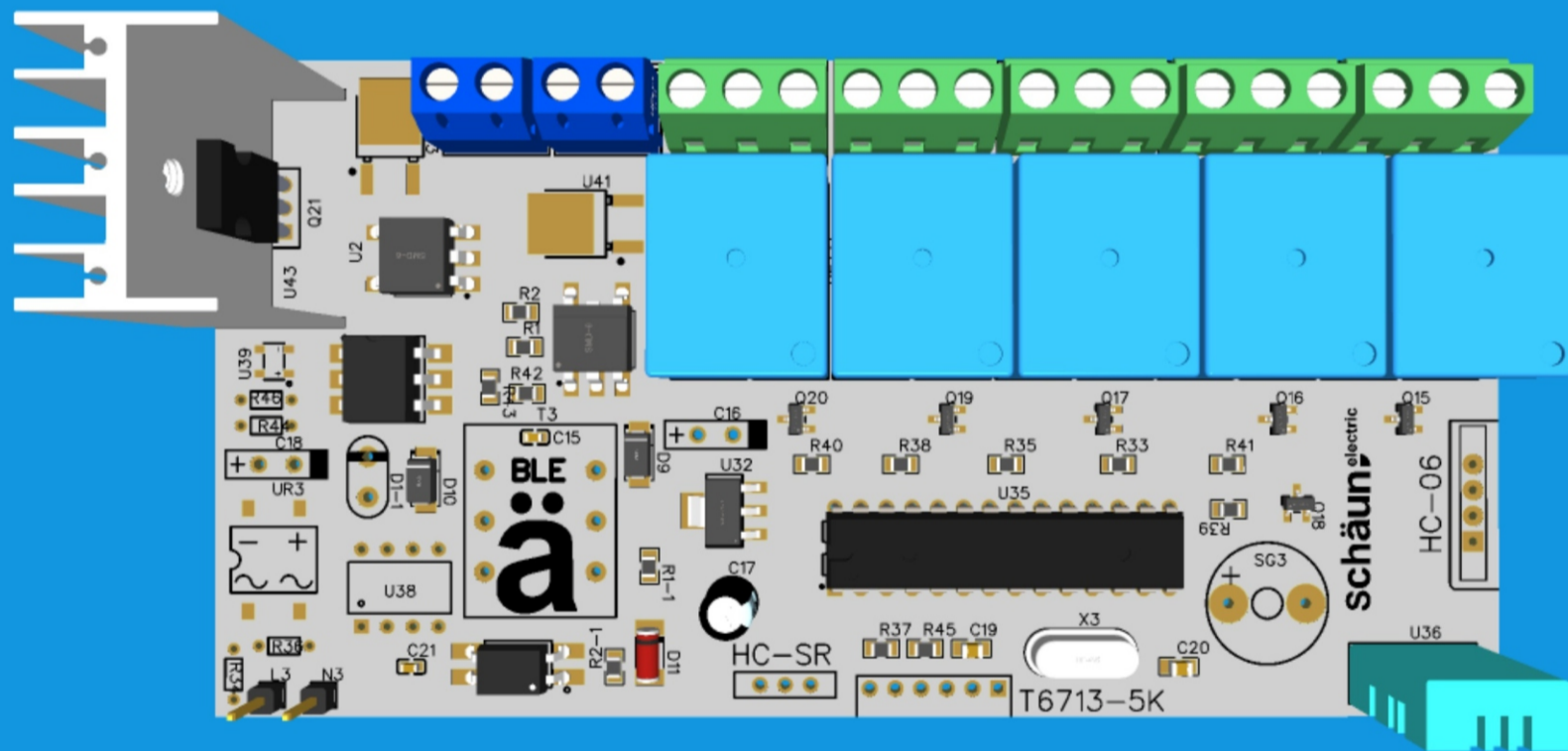
Easy Compatibility of Bluetooth in One Room to Other Rooms inside the Building.

For Mobile App Operation Visit Youtube Link or www.schaunelectric.com

<https://www.youtube.com/watch?v=mp-w6LX6CTE>

schäunelectric

IOT Module with Mobile APP



- Auto Run Humidifier/Air Purifier
- Miniature Co2 Module T6713
- Sensing Room Humidity/Temperature
- 5 Channel ON/OFF with App Control
- 1 Channel for FAN Speed
- One Door Sensing Alarm
- Motion Sensing Alarm
- Easy Compatibility of Bluetooth