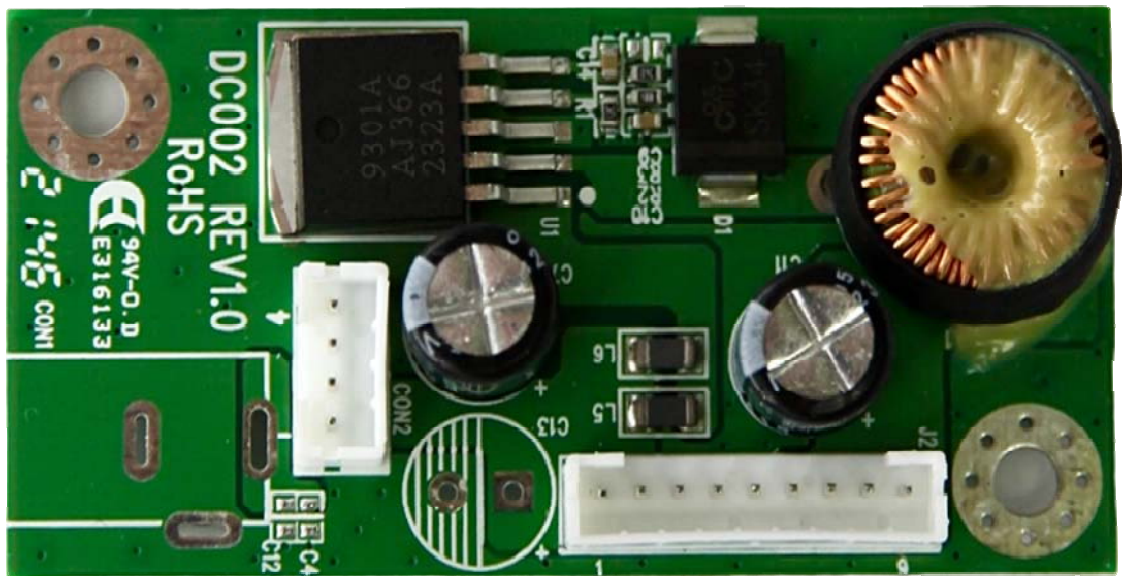


DC002



Converter board option

Mode	Teleview part no.	Description
1	CPCB-DC002-3-	Wafer, No DC jack
2	CPCB-DC002-4-	Wafer, DC jack

Features

- Wide Input Voltage Range: 24V+/- 25%
- Output Voltage 12V +/- 5%
- Guaranteed 3A output load current
- Excellent line and load regulation
- 150kHz fixed frequency internal oscillator
- Low power standby mode, IQ typically 80 μ A
- High efficiency
- Thermal shutdown and current limit protection
- RoHS Compliant, 100%Pb & Halogen Free

1. Electrical Characteristics

Item	Parameter	Conditions	MIN	TYP	MAX
1	Output Voltage	Vin 24V , 0.2A ≤ Load ≤ 3A	11.4V	12V	12.6V
2	Efficiency	Vin 24V , Load 3A		90%	
3	Osc. Frequency	TJ=-40 °C to 125 °C	110KHz	150KHz	173KHz

2. Operating / Storage temperature

Item	Parameter	Value
1	Operating	-10°C ~ 60°C
2	Storage	-20°C ~ 60°C

3. Connector Description

- Connector List

Connector	Function	Note
CON1	Input	DC JACK 2.5 ϕ
CON2	Input	PH 2.0mm, 4Pin , 180°
J2	Output	PH 2.0mm, 9Pin , 180°

Pin definition for connector

CON1: Input Connector (2.5 ϕ 3Pin DIP) Option

Pin	Function	Note
1	24V Input	Power supply of +24Vdc
2,3	GND	Ground

CON2: Input Connector (2.0 mm 4Pin DIP)

Pin	Function	Note
1,2	24V Input	Power supply of +24Vdc
3,4	GND	Ground

J2: Output Connector (2.0 mm 9Pin DIP)

Pin	Function	Note
1,2	24V Output	Power supply of +24Vdc
3,4,5	GND	Ground
6,7,8,9	12V Output	Power supply of +12Vdc

Televue

Board Dimension :60mm x 30mm

Screw holes*2:3.5mm

PCB Thickness: 1.6mm

PCB Height (PCB with components):<20mm

