

# IRT40C Isolated 10~60V to 12V 40W DC/DC Converter Module

Manufacturer part number: IRT40C | Power Converter Board



Explore Winmate IRT40C, a DC-DC converter module featuring High efficiency DC-DC Converter, Low inrush current for industrial power integration and mobile...

| System Specification  |                                               |
|-----------------------|-----------------------------------------------|
| Input Voltage         | 10V to 60V DC                                 |
| Load Range            | 12V 3.3A                                      |
| Power Consumption     | 40W                                           |
| Isolation             | Yes                                           |
| Ripple And Noise      | Less than 120mV                               |
| Line Regulation       | Less than +/-1% at rated 10~60V input voltage |
| Load Regulation       | Less than +/-5%                               |
| Efficiency            | Up to 90% (Full loading)                      |
| Protection            | OCP protection, OVP protection                |
| Certification         |                                               |
| Certification         | CE, FCC                                       |
| Environment           |                                               |
| Operating Humidity    | 10% to 90% RH, Non-Condensing                 |
| Operating Temperature | 0 deg C to 50 deg C                           |
| Storage Temperature   | -20 deg C to 70 deg C                         |
| Altitude              | 0 to 10000ft                                  |
| Mechanical            |                                               |
| Dimension             | 120 x 45 x 24.6 mm                            |