



## VI-B1R-EV-F2 Information

Heisener.com

Part Number VI-B1R-EV-F2 Manufacturer Vicor Corporation

Category Power Supplies - Board Mount

DC DC Converters

**Description** CONVERTER MOD DC/DC 7.5V 150W

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# VI-B1R-EV-F2 Specifications

| Manufacturer Part Number         VI-B1R-EV-F2           Manufacturer         Vicor Corporation           Category         Power Supplies - Board Mount           DC DC Converters           Package         Full Brick           Series         VI-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         21V           Voltage - Input (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole |                          |   |
|---|--------------------------|---|
| Category         Power Supplies - Board Mount           DC DC Converters           Package         Full Brick           Series         V1-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         21V           Voltage - Input (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole  | Manufacturer Part Number | VI-B1R-EV-F2  |
| DC DC Converters  | Manufacturer             | Vicor Corporation                                       |
| Package         Full Brick           Series         VI-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         21V           Voltage - Input (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole   | Category                 | Power Supplies - Board Mount                            |
| Series         VI-200           Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         21V           Voltage - Input (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole  |                          | DC DC Converters  |
| Type         Isolated Module           Number of Outputs         1           Voltage - Input (Min)         21V           Voltage - Input (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole  | Package                  | Full Brick  |
| Number of Outputs       1         Voltage - Input (Min)       21V         Voltage - Input (Max)       32V         Voltage - Output 1       7.5V         Voltage - Output 2       -         Voltage - Output 3       -         Voltage - Output 4       -         Current - Output (Max)       20A         Power (Watts)       150W         Voltage - Isolation       3kV (3000V)         Applications       ITE (Commercial)         Features       OCP, OTP, OVP, SCP         Operating Temperature       -10°C ~ 85°C         Efficiency       88%         Mounting Type       Through Hole   | Series                   | VI-200  |
| Voltage - Input (Min)         21V           Voltage - Output (Max)         32V           Voltage - Output 1         7.5V           Voltage - Output 2         -           Voltage - Output 3         -           Voltage - Output 4         -           Current - Output (Max)         20A           Power (Watts)         150W           Voltage - Isolation         3kV (3000V)           Applications         ITE (Commercial)           Features         OCP, OTP, OVP, SCP           Operating Temperature         -10°C ~ 85°C           Efficiency         88%           Mounting Type         Through Hole  | Type                     | Isolated Module   |
| Voltage - Input (Max)       32V         Voltage - Output 1       7.5V         Voltage - Output 2       -         Voltage - Output 3       -         Voltage - Output 4       -         Current - Output (Max)       20A         Power (Watts)       150W         Voltage - Isolation       3kV (3000V)         Applications       ITE (Commercial)         Features       OCP, OTP, OVP, SCP         Operating Temperature       -10°C ~ 85°C         Efficiency       88%         Mounting Type       Through Hole   | Number of Outputs        | 1   |
| Voltage - Output 1       7.5V         Voltage - Output 2       -         Voltage - Output 3       -         Voltage - Output 4       -         Current - Output (Max)       20A         Power (Watts)       150W         Voltage - Isolation       3kV (3000V)         Applications       ITE (Commercial)         Features       OCP, OTP, OVP, SCP         Operating Temperature       -10°C ~ 85°C         Efficiency       88%         Mounting Type       Through Hole   | Voltage - Input (Min)    | 21V   |
| Voltage - Output 2       -         Voltage - Output 3       -         Voltage - Output 4       -         Current - Output (Max)       20A         Power (Watts)       150W         Voltage - Isolation       3kV (3000V)         Applications       ITE (Commercial)         Features       OCP, OTP, OVP, SCP         Operating Temperature       -10°C ~ 85°C         Efficiency       88%         Mounting Type       Through Hole   | Voltage - Input (Max)    | 32V   |
| Voltage - Output 4 - Current - Output (Max) Power (Watts)  Voltage - Isolation Applications Features OCP, OTP, OVP, SCP Operating Temperature Efficiency Mounting Type  | Voltage - Output 1       | 7.5V  |
| Voltage - Output 4  Current - Output (Max)  Power (Watts)  Voltage - Isolation  Applications  ITE (Commercial)  Features  OCP, OTP, OVP, SCP  Operating Temperature  -10°C ~ 85°C  Efficiency  88%  Mounting Type  Through Hole   | Voltage - Output 2       | -   |
| Current - Output (Max)  Power (Watts)  150W  Voltage - Isolation  Applications  ITE (Commercial)  Features  OCP, OTP, OVP, SCP  Operating Temperature  -10°C ~ 85°C  Efficiency  88%  Mounting Type  Through Hole   | Voltage - Output 3       | -   |
| Power (Watts) $150W$ Voltage - Isolation $3kV$ (3000V)ApplicationsITE (Commercial)FeaturesOCP, OTP, OVP, SCPOperating Temperature $-10^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Efficiency $88\%$ Mounting TypeThrough Hole   | Voltage - Output 4       | -   |
| Voltage - Isolation3kV (3000V)ApplicationsITE (Commercial)FeaturesOCP, OTP, OVP, SCPOperating Temperature-10°C ~ 85°CEfficiency88%Mounting TypeThrough Hole   | Current - Output (Max)   | 20A   |
| Applications ITE (Commercial)  Features OCP, OTP, OVP, SCP  Operating Temperature -10°C ~ 85°C  Efficiency 88%  Mounting Type Through Hole  | Power (Watts)            | 150W  |
| Features OCP, OTP, OVP, SCP  Operating Temperature $-10^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Efficiency $88\%$ Mounting Type Through Hole   | Voltage - Isolation      | 3kV (3000V)   |
| Operating Temperature $-10^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Efficiency $88\%$ Mounting Type Through Hole  | Applications             | ITE (Commercial)  |
| Efficiency 88% Mounting Type Through Hole   | Features                 | OCP, OTP, OVP, SCP                                      |
| Mounting Type Through Hole  | Operating Temperature    | -10°C ~ 85°C  |
|   | Efficiency               | 88%   |
|   | Mounting Type            | Through Hole  |
| Package / Case Full Brick   | Package / Case           | Full Brick  |
| Size / Dimension 4.60" L x 1.86" W x 1.05" H (116.8mm x 47.2mm x 26.7mm)  | Size / Dimension         | 4.60" L x 1.86" W x 1.05" H (116.8mm x 47.2mm x 26.7mm) |
|   |                          |   |

| Supplier Device Package | -              |
|-------------------------|----------------|
| Control Features        | -              |
|                         | Report errors? |

### VI-B1R-EV-F2 Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## VI-B1R-EV-F2 Payment Methods





















## VI-B1R-EV-F2 Shipping Methods













If you have any question about VI-B1R-EV-F2, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com