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|---|---|
|  | <p><b>21-0042</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">21-0042</a></p>   |
|  | <p><b>Manufacturer/Brand:</b> <a href="#">International Rectifier (Infineon Technologies)</a></p>                                       |
|   | <p><b>Part of Description:</b> IC REG BUCK ADJ 20A SYNC 144BGA</p>  |
|   | <p><b>Datasheets:</b>  <a href="#">21-0042.pdf</a></p> |
|   | <p><b>RoHs Status:</b> Contains lead / RoHS non-compliant</p>   |
|   | <p><b>Stock Condition:</b> New original, 4570 pcs Stock Available.</p>  |
|   | <p><b>Ship From:</b> Hong Kong</p>  |
| <p>Image may be representation.<br/>See specs for product details.</p>            | <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>   |

### Specifications

|                              |   |
|------------------------------|---|
| Part Number                  | 21-0042   |
| Manufacturer                 | International Rectifier (Infineon Technologies)         |
| Description                  | IC REG BUCK ADJ 20A SYNC 144BGA                         |
| Category                     | Integrated Circuits (ICs) > PMIC - Voltage Regulators - |
| Part Status                  | 4570 pcs Stock  |
| Series                       | iPOWIR™   |
| Operating Temperature        | -40°C ~ 125°C (TJ)                                      |
| Mounting Type                | Surface Mount   |
| Voltage - Input (Max)        | 12.6V   |
| Output Type                  | Adjustable  |
| Package / Case               | 133-BFBGA Power Module                                  |
| Supplier Device Package      | 133-BGA Power Block (11x11)                             |
| Function                     | Step-Down   |
| Current - Output             | 20A   |
| Frequency - Switching        | 150kHz ~ 1MHz   |
| Number of Outputs            | 1   |
| Output Configuration         | Positive  |
| Topology                     | Buck  |
| Voltage - Output (Min/Fixed) | 0.9V  |
| Voltage - Output (Max)       | 3.3V  |
| Synchronous Rectifier        | Yes   |
| Voltage - Input (Min)        | 3V  |
| Packaging                    | Tube  |

21-0042 is New Original in Stock, Search 21-0042 Datasheets, PDF, Inventory at Y-IC.com Online, Order 21-0042 International Rectifier (Infineon Technologies) with warrantied and confidence. RFQ 21-0042 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

In:

|   |   |  |  |
|---|---|--|--|
|  <p><b>21-006-171</b><br/>Aries Electronics, Inc.<br/>CABLE 21POS .100 JUMPER 6 INCH</p> |  <p><b>21-0042CS</b><br/>IOR<br/>21-0042CS IOR</p>                                       |  <p><b>21-0038</b><br/>INTERSIL<br/>21-0038 INTERSIL</p> |  <p><b>21-0043</b><br/>International Rectifier (Infineon Technologies)<br/>IC REG BUCK ADJ SNGL/DL 198BGA</p> |
|  <p><b>21-003-171</b><br/>Aries Electronics, Inc.<br/>CABLE 21POS .100 JUMPER 3 INCH</p> |  <p><b>21-003-173</b><br/>Aries Electronics, Inc.<br/>CABLE 21POS .100 JUMPER 3 INCH</p> |  <p><b>21-0043CS</b><br/>IOR<br/>21-0043CS IOR</p>       |  <p><b>21-00087</b><br/>INTERSIL<br/>21-00087 INTERSIL</p>  |

### Hot Parts

More

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| <ul style="list-style-type: none"> <li>⊛ 142570-TT66N</li> <li>⊣ BT137600E</li> <li>⊛ CMZ5935BP</li> <li>D GRM0335C1H2R4BA01D</li> <li>⇒ IRKD230/12</li> <li>⊣ LTC4301LCMS8#TRPBF</li> <li>⊛ N760FH14GOO</li> <li>⊣ SY100EL57ZC</li> <li>⊛ TK11129CSCL-G</li> <li>⊣ VI-261-18</li> </ul> | <ul style="list-style-type: none"> <li>⊣ 7MBR35VR120-50</li> <li>⊛ C2012C0G1H121J</li> <li>⊣ ESH3DHE3_A/I</li> <li>⊛ GRM1556S1H360JZ01D</li> <li>⊣ IRKL41/16</li> <li>⇒ LTC6101HVBCS5#TRPBF</li> <li>D P6SMB30CA/SMBJ30CA</li> <li>⊛ SZMM3Z2V7T1G</li> <li>⊣ TPS65180RGZR</li> <li>⊛ W0735SB15</li> </ul> | <ul style="list-style-type: none"> <li>⇒ ADM706TAR-REEL</li> <li>D CL05A105KP5NNNC</li> <li>⊛ FOD2200TV</li> <li>⊣ GRM1885C1H160JA01D</li> <li>⊛ LM386MMX-1/NOPB</li> <li>D MAX6827YUT-T</li> <li>⇒ PE-68810T</li> <li>⊣ TA20121603DH</li> <li>⊛ TS27M4IDT</li> <li>⊣ W25Q256JVFIQ</li> </ul> | <ul style="list-style-type: none"> <li>D AF2-3.15V125TM</li> <li>⇒ CL21C470JC61PNC</li> <li>⊣ FQPF34N20L</li> <li>⊛ HD6433690C13FZKV</li> <li>⊣ LM4040DIZ-10</li> <li>⊛ MCP79410T-I/MS</li> <li>⊣ SN74AS74ANSR</li> <li>⇒ TASS727PHP</li> <li>D UPD784216BY</li> <li>⊛ W681512SG</li> </ul> | <ul style="list-style-type: none"> <li>⇒ AT25006-0T3T</li> <li>⇒ CMHZ5246B</li> <li>⇒ GJM1555C1H4R6BB01D</li> <li>⇒ ICS1893BFT</li> <li>⇒ LTC2654BCUF-H16#TRPBF</li> <li>⊣ MIC2525-2YM</li> <li>⇒ SSS10N60B</li> <li>⇒ TDA7490AP</li> <li>⇒ V375A32C600B</li> <li>⇒ XC6404FV33PR</li> </ul> |
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Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

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