





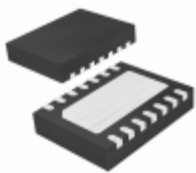
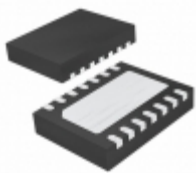
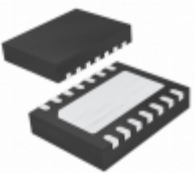
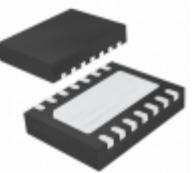
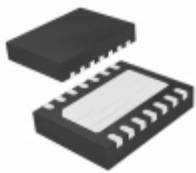


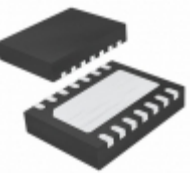
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|---|--|
|   | <p><b>LTC3646HDE#TRPBF</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> LTC3646HDE#TRPBF</p> <p><b>Manufacturer/Brand:</b> Linear Technology / Analog Devices</p> <p><b>Part of Description:</b> IC REG BUCK ADJ 1A SYNC 14DFN</p> <p><b>Datasheets:</b>  <a href="#">LTC3646HDE#TRPBF.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant<br/>New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  |  |
| <p>Image may be representation.<br/>See specs for product details.</p>            |  |

### Specifications

|                              |   |
|------------------------------|---|
| Part Number                  | LTC3646HDE#TRPBF  |
| Manufacturer                 | Linear Technology / Analog Devices                      |
| Description                  | IC REG BUCK ADJ 1A SYNC 14DFN                           |
| Category                     | Integrated Circuits (ICs) > PMIC - Voltage Regulators - |
| Part Status                  | Require For Quote & Check Stock                         |
| Series                       | -   |
| Operating Temperature        | -40°C ~ 150°C (TJ)                                      |
| Mounting Type                | Surface Mount   |
| Voltage - Input (Max)        | 40V   |
| Output Type                  | Adjustable  |
| Package / Case               | 14-WDFDN Exposed Pad                                    |
| Supplier Device Package      | 14-DFN (4x3)  |
| Function                     | Step-Down   |
| Current - Output             | 1A  |
| Frequency - Switching        | 200kHz ~ 3MHz   |
| Number of Outputs            | 1   |
| Output Configuration         | Positive  |
| Topology                     | Buck  |
| Voltage - Output (Min/Fixed) | 2V  |
| Voltage - Output (Max)       | 30V   |
| Synchronous Rectifier        | Yes   |
| Voltage - Input (Min)        | 4V  |
| Packaging                    | Tape & Reel (TR)  |

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|-----------------------|----------------------|-----------------------|----------------------|-----------------------|
| ⊕ 12103C106KAT2A      | ↔ 22255C474KA12A     | ⇒ AD8051ARTZ-RL7      | D AD8418WBRZ         | ⇒ AD8534ANZ           |
| ⊖ AP5054ES5           | ⊕ B39741-B8301-P810  | D BC338-40            | ⇒ BZT52C15LP-7       | ⇒ C1005X6S1C684M050BC |
| ⊕ C1608C0G1H822J080AA | ⊖ CL10B223KB8NND     | ⊕ CMD4D08NP-150MC     | ↔ CMR2-06MFL         | ⇒ D251K08E            |
| D D2FL20U-5063        | ⊕ DPX255875DT-0016C1 | ⊖ ELM36405EA-S        | ⊕ GRT155R61C224ME01D | ⇒ INA195AQDBVRQ1      |
| ⇒ IR3871MTRPBF        | ↔ ISL21090BFB825Z    | ⊕ LFE2M50E-7FN672C-6I | ⊖ LM2931AS-5.0       | ⇒ LSM6DS3USTR         |
| ↔ MAX3225EAP+         | ⇒ MAX3237CAI         | D MAX4732EUA+T        | ⊕ MDD5N40DRH         | ⊖ MLP2520S4R7LT000    |
| ⊕ MTD3055VL           | D NRF24AP2-8CHQ32-T  | ⇒ OPA2376AIDGKT       | ↔ OPA4374AIDRG       | ⇒ PBSS5240X           |
| ⊖ PQ050DNA1ZP5        | ⊕ RT8899AGQW         | ↔ S-93L46AD0I-I8T1G   | ⇒ SD1700C45K         | ⇒ SI4425DY            |
| ⊕ SI7370DP-T1-E3      | ⊖ SKCH28-06          | ⊕ SKM200GAL126D       | D SKY85803-11        | ⇒ SMF20A-HM3-08       |
| ↔ SP6201EM5-L-5-0/TR  | ⊕ T1189N14TOF        | ⊖ T1989N12TOF         | ⊕ TF252TH-6-H-TL-H   | ⇒ UMC5N-7-80          |

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