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|  | MCP1642BT-ADJI/MC |
| | Manufacturer Part Number: MCP1642BT-ADJI/MC |
|  | Manufacturer/Brand: Micrel / Microchip Technology |
| | Part of Description: IC REG BOOST SYNC ADJ 1.8A |
| Datasheets:  MCP1642BT-ADJI/MC.pdf | RoHS Status:  Lead free / RoHS |
| Stock Condition: Compliant New original, Stock Available. | Ship From: Hong Kong |
| Image may be representation. See specs for product details. | Shipment Way: DHL/Fedex/TNT/UPS/EMS |

Specifications

| | |
|------------------------------|--|
| Part Number | MCP1642BT-ADJI/MC |
| Manufacturer | Micrel / Microchip Technology |
| Description | IC REG BOOST SYNC ADJ 1.8A |
| Category | Integrated Circuits (ICs) > PMIC - Voltage Regulators - |
| Part Status | Require For Quote & Check Stock |
| Series | - |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | Surface Mount |
| Voltage - Input (Max) | 5.5V |
| Output Type | Adjustable |
| Package / Case | 8-VDFN Exposed Pad |
| Supplier Device Package | 8-DFN (2x3) |
| Function | Step-Up |
| Current - Output | 800mA |
| Frequency - Switching | 1MHz |
| Number of Outputs | 1 |
| Output Configuration | Positive |
| Topology | Boost |
| Voltage - Output (Min/Fixed) | 1.8V |
| Voltage - Output (Max) | 5.5V |
| Synchronous Rectifier | Yes |
| Voltage - Input (Min) | 0.65V |
| Packaging | Tape & Reel (TR) |

MCP1642BT-ADJI/MC is New Original in Stock, Search MCP1642BT-ADJI/MC Datasheets, PDF, Inventory at Y-IC.com Online, Order MCP1642BT-ADJI/MC Micrel / Microchip Technology with warrantied and confidence. RFQ MCP1642BT-ADJI/MC : Info@Y-IC.com

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| In:  MCP1642D-18I/MS Micrel / Microchip Technology IC REG BOOST SYNC 1.8V 1.8A |  MCP1642BT-50I/MC Micrel / Microchip Technology IC REG BOOST SYNC 5V 1.8A |  MCP1642BT-33I/MS Micrel / Microchip Technology IC REG BOOST SYNC 3.3V 1.8A |  MCP1642BT-30I/MS Micrel / Microchip Technology IC REG BOOST SYNC 3V 1.8A |
|  MCP1642BT-50I/MS Micrel / Microchip Technology IC REG BOOST SYNC 5V 1.8A |  MCP1642BT-33I/MC Micrel / Microchip Technology IC REG BOOST SYNC 3.3V 1.8A |  MCP1642D-30I/MS Micrel / Microchip Technology IC REG BOOST SYNC 3V 1.8A |  MCP1642BT-ADJI/MS Micrel / Microchip Technology IC REG BOOST SYNC ADJ 1.8A |

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|--|---|--|--|---|
|  06035A100BAT2A |  6DI150MA-060 |  7MBR150RF060 |  AD50F10KEC |  AIC1680N-33PU |
|  AP1681MTR-G1 |  BD9702T-V5 |  BT137S-600E |  CDRH8D43NP-680MC |  CL21C221GBANNNC |
|  CL484T-VCD-G1 |  DD40F140 |  DTC363EKT146 |  ELM9827BA-S |  FAN2515S25X |
|  FSAT66P5X |  GAA616CT1 |  GCM1555C1H7R8DA16D |  GRM219E41H104MA01D |  HC55185ECMR |
|  HCPL-817-50CE |  HD74LS32RPEL |  HMA121AR1 |  HMK316B7473ML-T |  HS183100 |
|  LD1117AL-5.0 |  LM22675QMRE-ADJ |  LMV431BCM5X |  LRC-LRF2512LF-01-R003-J |  LT1124CS8#TRPBF |
|  MC14021BDR2 |  MC33079DT |  N990CH12LOO |  NVD5803N |  PESD5V0V1BDSF |
|  PS2502L-1 |  R2A30424NP |  RP1202-33GU5 |  RT424110 |  S-80830ANMP-EDT |
|  SC600AIMS |  SIR470DP-T1-GE3 |  SMA5J13A |  SS2P2-M3/84A |  STM8S207RBT6 |
|  STP80NF55-08 |  STPS61150CW |  TJA1100HN |  TPS2550DBVT |  X9312TSI |

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