






ST1S41PUR

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| Part Number: | ST1S41PUR |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC REG BUCK ADJ 4A SYNC 8VQFPN |
| Datasheets: |  ST1S41PUR.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Specifications of ST1S41PUR

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| PART NUMBER | ST1S41PUR |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC REG BUCK ADJ 4A SYNC 8VQFPN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  ST1S41PUR.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED) | 0.8V |
| VOLTAGE - OUTPUT (MAX) | 18V |
| VOLTAGE - INPUT (MIN) | 4V |
| VOLTAGE - INPUT (MAX) | 18V |
| TOPOLOGY | Buck |
| SYNCHRONOUS RECTIFIER | Yes |
| SUPPLIER DEVICE PACKAGE | 8-VQFPN (4x4) |
| SERIES | - |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 8-VDFN Exposed Pad |
| OUTPUT TYPE | Adjustable |
| OUTPUT CONFIGURATION | Positive |
| OTHER NAMES | 497-13858-2 |
| OPERATING TEMPERATURE | -40°C ~ 150°C (TJ) |
| NUMBER OF OUTPUTS | 1 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MANUFACTURER STANDARD LEAD TIME | 40 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| FUNCTION | Step-Down |
| FREQUENCY - SWITCHING | 850kHz |
| DETAILED DESCRIPTION | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 4A 8-VDFN Exposed Pad |
| CURRENT - OUTPUT | 4A |
| BASE PART NUMBER | ST1S41 |

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