

LM25122QPWPTQ1



COMPONENTS-WORLD.COM

Part Number: [LM25122QPWPTQ1](#)

Manufacturer: N/A

Description: IC REG CTRLR MULT TOP 20HTSSOP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                          |                                  |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | LM25122QPWPTQ1                                                                                           | Manufacturer                     | N/A                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR MULT TOP 20HTSSOP                                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 27295 pcs                                                                                                | Data sheet                       |                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                                                | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 42 V                            |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                   | Boost, Flyback, SEPIC                                                                                    | Synchronous Rectifier            | Yes                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 20-HTSSOP                                                                                                | Series                           | Automotive, AEC-Q100                  |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                                        | Packaging                        | Cut Tape (CT)                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 20-PowerTSSOP (0.173", 4.40mm Width)                                                                     | Output Type                      | Transistor Driver                     |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                                                                                        | Output Configuration             | Positive                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                | 296-43380-1                                                                                              | Operating Temperature            | -40°C ~ 125°C (TJ)                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                                               | Function                         | Step-Up, Step-Up/Step-Down            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                      | 450kHz                                                                                                   | Duty Cycle (Max)                 | -                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | Boost, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 20-HTSSOP | Control Features                 | Enable, Frequency Control, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                                      |                                  |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM25119QPSQ/NOPB</a><br>Description: IC REG CTRLR BUCK 32WQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25141RGER</a><br>Description: LM25141RGER                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25118Q1MH/NOPB</a><br>Description: IC REG CTRLR BUCK 20TSSOP       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25145RGYR</a><br>Description: LM25145RGYR                          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25119QPSQX/NOPB</a><br>Description: IC REG CTRLR BUCK 32WQFN       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25141QRGETQ1</a><br>Description: LOW VOLTAGE LM5141- SYNC BUCK CO  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2512ASNX/NOPB</a><br>Description: IC MPL SERIAL 24BIT RGB 40X2QFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25118Q1MHX/NOPB</a><br>Description: IC REG CTRLR BUCK 20TSSOP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25119PSQX/NOPB</a><br>Description: IC REG CTRLR BUCK 32WQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25119EVAL/NOPB</a><br>Description: BOARD EVALUATION LM25119        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25119PSQ/NOPB</a><br>Description: IC REG CTRLR BUCK 32WQFN         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25119PSQE/NOPB</a><br>Description: IC REG CTRLR BUCK 32WQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25141QRGERQ1</a><br>Description: AUTOMOTIVE, 2.2MHZ, LOW IQ SYNCH  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25118Q1MHE/NOPB</a><br>Description: IC REG CTRLR BUCK 20TSSOP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25141RGET</a><br>Description: LOW VOLTAGE LM5141- SYNC BUCK CO     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2512ASMX/NOPB</a><br>Description: IC MPL SERIAL 24BIT RGB 49-UFBGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2512ASM/NOPB</a><br>Description: IC MPL1 SERIALIZER 24BIT 49UFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2512SM/NOPB</a><br>Description: IC SERIALIZER 24BIT RGB 49-UFBGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM25122QPWPRQ1</a><br>Description: WIDE-INPUT SYNCHRONOUS BOOST CON  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2512ASN/NOPB</a><br>Description: IC MPL1 SERIALIZER 24BIT 40X2QFN  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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|--------------------------------------------|----------------------------|-------------------------|----------------------|
| Related keywords for <b>LM25122QPWPTQ1</b> |                            |                         |                      |
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