
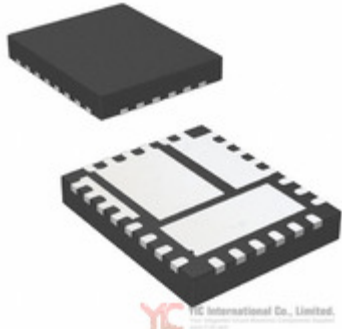



|   |  |
|---|--|
|   | <b>MIC24051YJL-TR</b>  |
|   | <b>Manufacturer Part Number:</b> <a href="#">MIC24051YJL-TR</a>                                    |
|  | <b>Manufacturer/Brand:</b> <a href="#">Micrel / Microchip Technology</a>                           |
|   | <b>Part of Description:</b> IC REG BUCK ADJ 6A SYNC 28QFN  |
| <b>Datasheets:</b>  | <a href="#">PDF</a> <a href="#">MIC24051YJL-TR.pdf</a>   |
| <b>RoHS Status:</b>   |  Lead free / RoHS |
| <b>Stock Condition:</b>   | Compliant<br>New original, Stock Available.  |
| <b>Ship From:</b>   | Hong Kong  |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |
| <p>Image may be representation. See specs for product details.</p>                |  |

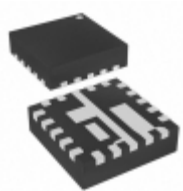

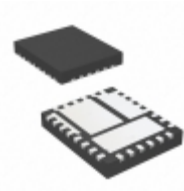
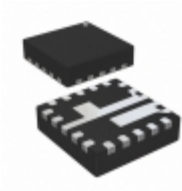


### Specifications

|                              |  |
|------------------------------|--|
| Part Number                  | <a href="#">MIC24051YJL-TR</a>   |
| Manufacturer                 | <a href="#">Micrel / Microchip Technology</a>                              |
| Description                  | IC REG BUCK ADJ 6A SYNC 28QFN  |
| Category                     | <a href="#">Integrated Circuits (ICs) &gt; PMIC - Voltage Regulators -</a> |
| Part Status                  | <a href="#">Require For Quote &amp; Check Stock</a>                        |
| Series                       | Hyper Speed Control®, SuperSwitcher II™                                    |
| Operating Temperature        | -40°C ~ 125°C (TJ)   |
| Mounting Type                | Surface Mount  |
| Voltage - Input (Max)        | 19V  |
| Output Type                  | Adjustable   |
| Package / Case               | 28-PowerVQFN   |
| Supplier Device Package      | 28-QFN (5x6)   |
| Function                     | Step-Down  |
| Current - Output             | 6A   |
| Frequency - Switching        | 600kHz   |
| Number of Outputs            | 1  |
| Output Configuration         | Positive   |
| Topology                     | Buck   |
| Voltage - Output (Min/Fixed) | 0.8V   |
| Voltage - Output (Max)       | 5.5V   |
| Synchronous Rectifier        | Yes  |
| Voltage - Input (Min)        | 4.5V   |
| Packaging                    | Tape & Reel (TR)   |

MIC24051YJL-TR is New Original in Stock, Search MIC24051YJL-TR Datasheets, PDF, Inventory at Y-IC.com Online, Order MIC24051YJL-TR Micrel / Microchip Technology with warranted and confidence. RFQ MIC24051YJL-TR : [Info@Y-IC.com](mailto:Info@Y-IC.com)

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|  <p><b>MIC24046-HYFL-TR</b><br/>Micrel / Microchip Technology<br/>IC REG BUCK PROG 5A SYNC</p>      |  <p><b>MIC24053YJL-TR</b><br/>Micrel / Microchip Technology<br/>IC REG BUCK ADJ 9A SYNC 28QFN</p> |  <p><b>MIC24051YJL</b><br/>MICREL<br/>MIC24051YJL MICREL</p>                                      |  <p><b>MIC24054YJL</b><br/>MICREL<br/>MICREL QFN-28</p>  |

### Hot Parts

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|----------------------|------------------------|----------------------|---------------------|---------------------|
| ⊛ 08051AR82CAT2A     | ↔ 12065A4R7CAT2A       | ⇒ 1812WC332KATME     | D 2222SQ-301JEC     | ⇒ ACM1211-701       |
| ⊣ ACM2520U-201-2P-T  | ⊛ ACPM-5004-QR1        | D AD7417ARU          | ⇒ AD8348ARUZ-REEL7  | ⇒ ADA4850-2YCPZ-RL7 |
| ⊛ AIC1680N-23PU      | ⊣ BA7613F-E2           | ⊛ BU4822G-TR         | ↔ CC0402FRNPO9BN390 | ⇒ CD420640          |
| D CDBF0520           | ⊛ CGA2B3X7S2A103K050BB | ⊣ CL21C472JAFNNG     | ⊛ FQPF12P10         | ⇒ FSB127HNY         |
| ⇒ GRM155R60J102KA01D | ↔ GRM188R71H821JA01J   | ⊛ GRM2165C1H272JA01J | ⊣ HAL505SF-E-4-R    | ⇒ ICS954227CGLF     |
| ↔ KSC1845PTA         | ⇒ KSE13007F2           | D LP3999ITLX-1.8     | ⊛ LT43561GN-1#PBF   | ⊣ M93S66-WMN6P      |
| ⊛ MAX4630EUD         | D MAX4715EXK+T         | ⇒ MAX709RCSA-TG068   | ↔ MAX747CSD         | ⇒ MC33887APVWR2     |
| ⊣ MDF1752TH          | ⊛ SAA6579/V1           | ↔ SFH601-4           | ⇒ SIA814DJ-T1-GE3   | ⇒ SKKH161/08D       |
| ⊛ SM5006AKCS-E2      | ⊣ SPX1117M3-1.8/TR     | ⊛ SPY0028A           | D STF60N55F3        | ⇒ TC1272ASVNBTR     |
| ↔ TC7SH04F           | ⊛ TLV5604CDR           | ⊣ TMP100NA/3K        | ⊛ VI-J1J-IW         | ⇒ VN2224N3          |

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