

DSPB56374AFC



Part Number: [DSPB56374AFC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC DSP 24BIT 150MHZ 80-LQFP

Data sheet:  [DSPB56374](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

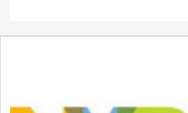
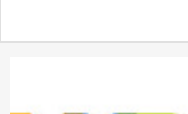
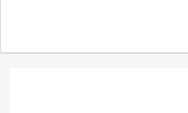
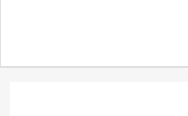
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Request For Quotation

| PRODUCT PARAMETER              |                                           |                                  |                                                |
|--------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                    | DSPB56374AFC                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                    | IC DSP 24BIT 150MHZ 80-LQFP               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available             | 6669 pcs                                  | Data sheet                       | <a href="#">DSPB56374</a>                      |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                    | 3.30V                                          |
| Voltage - Core                 | 1.25V                                     | Type                             | Audio Processor                                |
| Supplier Device Package        | 80-LQFP (14x14)                           | Series                           | DSP56K/Symphony                                |
| Packaging                      | Tray                                      | Package / Case                   | 80-LQFP                                        |
| Other Names                    | 935322115557                              | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| On-Chip RAM                    | 54kB                                      | Non-Volatile Memory              | ROM (84 kB)                                    |
| Mounting Type                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Interface                        | Host Interface, I <sup>2</sup> C, SAI, SPI     |
| Clock Rate                     | 150MHz                                    | Base Part Number                 | DSPB56374                                      |

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|  | Part#: <a href="#">DSPB56362AG120</a><br>Description: IC DSP 24BIT AUD 120MHZ 144-LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
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