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|----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|
| <div></div> | <h1>TMS320DM8165SCYG2</h1>       |                                                                                                    |
|                                                                                              | <b>Manufacturer Part Number:</b> | TMS320DM8165SCYG2                                                                                  |
| <div>Image may be representation.<br/>See specs for product details.</div>                   | <b>Manufacturer/Brand:</b>       | N/A                                                                                                |
|                                                                                              | <b>Part of Description:</b>      | IC DGTL MEDIA PROCESSR 1031FCBGA                                                                   |
|                                                                                              | <b>RoHs Status:</b>              |  Lead free / RoHS |
|                                                                                              | <b>Stock Condition:</b>          | Compliant<br>New original, 2551 pcs Stock Available.                                               |
|                                                                                              | <b>Ship From:</b>                | Hong Kong                                                                                          |
|                                                                                              | <b>Shipment Way:</b>             | DHL/Fedex/TNT/UPS/EMS                                                                              |

| Specifications          |                                                        |
|-------------------------|--------------------------------------------------------|
| Part Number             | TMS320DM8165SCYG2                                      |
| Manufacturer            | N/A                                                    |
| Description             | IC DGTL MEDIA PROCESSR 1031FCBGA                       |
| Category                | Integrated Circuits (ICs) > Embedded - DSP (Digital    |
| Part Status             | 2551 pcs Stock                                         |
| Voltage - I/O           | 1.5V, 1.8V, 3.3V                                       |
| Voltage - Core          | 1.00V                                                  |
| Type                    | Digital Media System-on-Chip (DMSoC)                   |
| Supplier Device Package | 1031-FCBGA (25x25)                                     |
| Series                  | DM81x Video SOC, DaVinci™                              |
| Packaging               | Tray                                                   |
| Package / Case          | 1031-BFBGA, FCBGA                                      |
| Operating Temperature   | 0°C ~ 95°C (TJ)                                        |
| On-Chip RAM             | 1.5MB                                                  |
| Non-Volatile Memory     | ROM (48 kB)                                            |
| Mounting Type           | Surface Mount                                          |
| Interface               | EBI/EMI, Ethernet, I²C, McASP, McBSP, PCI, Serial ATA, |
| Clock Rate              | 1GHz DSP, 1.2GHz ARM®                                  |
|                         |                                                        |

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| In: | <div><div><b>TMS320DM8166SCYG2</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>1031FCBGA</div></div> | <div><div><b>TMS320DM8166SCYG</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>1031FCBGA</div></div>  | <div><div><b>TMS320DM8165SCYG4</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>1031FCBGA</div></div> | <div><div><b>TMS320DM8148SCYEA0</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>684FCBGA</div></div> |
|     | <div><div><b>TMS320DM8148SCYE2</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>684FCBGA</div></div>  | <div><div><b>TMS320DM8165BCYG0</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>1031FCBGA</div></div> | <div><div><b>TMS320DM8166SCYG4</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>1031FCBGA</div></div> | <div><div><b>TMS320DM8148SCYE1</b><br/>N/A<br/>IC DGTL MEDIA PROCESSR<br/>684FCBGA</div></div>  |

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