

# T4081NSN7PQB :Part Detail

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## General Information

|                                                |                                                                                                 |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                    | T4081NSN7PQB                                                                                    |
| Description                                    | QorIQ, 64b Power, 8x 1.5GHz threads, 1.6G DDR3L, 4x10GE, crypto disabled, 0-105C, Rev 2, lo pwr |
| Product Line                                   | GT4240                                                                                          |
| PTI                                            | NLDC                                                                                            |
| Material Type                                  | Tested Packaged Device                                                                          |
| <a href="#">Life Cycle Description (code)</a>  | PRODUCT STABLE GROWTH/MATURITY                                                                  |
| Status                                         | Active                                                                                          |
| <a href="#">Application/Qualification Tier</a> | 10-YEARS APPLICATION LIFE                                                                       |

## Package Information

|                                            |                          |
|--------------------------------------------|--------------------------|
| Package Type and Termination Count         | FCPBGA 1932              |
| Package Description and Mechanical Drawing | FCPBGA 1932 45*45*3.18 1 |
| Device Weight(g)                           | 29.21190                 |
| Package Length (nominal)(mm)               | 45.000                   |
| Package Width (nominal)(mm)                | 45.000                   |
| Package Thickness (nominal)(mm)            | 3.180                    |
| Tape & Reel                                | No                       |

## Environmental and Compliance Information

|                                                        |                                                                         |
|--------------------------------------------------------|-------------------------------------------------------------------------|
| <a href="#">Pb-Free</a>                                |                                                                         |
| <a href="#">RoHS Compliant</a>                         |                                                                         |
| <a href="#">Halogen Free</a>                           | Yes                                                                     |
| <a href="#">Material Composition Declaration (MCD)</a> | <a href="#">Download MCD Report</a> <a href="#">Download MCD Report</a> |
| <a href="#">RoHS Certificate of Analysis (CoA)</a>     | <a href="#">Contact Us</a>                                              |
| <a href="#">2nd Level Interconnect</a>                 | e1                                                                      |
| Moisture Sensitivity Level (MSL)                       | 3                                                                       |
| Floor Life                                             | 168 HOURS                                                               |
| Peak Package Body Temperature (PBT)(°C)                | 250                                                                     |

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| Maximum Time at Peak Temperature (s) | 30                                  |
| Number of Reflow Cycles              | 3                                   |
| REACH SVHC                           | <a href="#">NXP REACH Statement</a> |

## Manufacturing Information

|                 |      |
|-----------------|------|
| Micron Size(μm) | .028 |
|-----------------|------|

## Ordering Information

|                                                                                        |              |
|----------------------------------------------------------------------------------------|--------------|
| Minimum Package Quantity (MPQ)                                                         | 12           |
| MPQ Container                                                                          | TRAY         |
| Exempt from Minimum Delivery Value                                                     | No           |
| Preferred Order Quantity (POQ)                                                         | 60           |
| POQ Container                                                                          | BRICK        |
| Leadtime (weeks)                                                                       | 20           |
| Export Control Classification Number (US)                                              | 3A991A1      |
| Harmonized Tariff (US) <a href="#">Disclaimer</a>                                      | 8542.31.0000 |
| CCATS Document                                                                         | -            |
| ENC Status                                                                             | -            |
| Other Trade Compliance Documents                                                       | -            |
| <a href="#">Budgetary Price excluding tax(US\$)</a><br><a href="#">Change Currency</a> | -            |
| Order                                                                                  |              |

## Operating Characteristics

|                               |   |
|-------------------------------|---|
| Sample Exception Availability | N |
|-------------------------------|---|

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