

MK65FN2M0CAC18R Information

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General Information

| Parameter | Value |
|--|---|
| Part Number | MK65FN2M0CAC18R |
| Description | Kinetis K 32-bit MCU, ARM Cortex-M4 core, 2 MB Flash, 180MHz, Ethernet, WLCSP 169 |
| Product Line | G9CNK601 |
| PTI | MBNC |
| Material Type | Probed Die |
| Life Cycle Description (code) | PRODUCT NEWLY INTRO D/RAMP-UP |
| Status | Active |
| Application/Qualification Tier | 10-YEARS APPLICATION LIFE |

Package Information

| Parameter | Value |
|--|--------------------------|
| Package Type and Termination Count | RCP 169 |
| Package Description and Mechanical Drawing | WLCSP 169 5.7*5.5*.6 P.4 |
| Package Length (nominal)(mm) | 5.670 |
| Package Width (nominal)(mm) | 5.530 |
| Package Thickness (nominal)(mm) | .560 |
| Tape & Reel | Yes |

Environmental and Compliance Information

| Parameter | Value |
|--|---|
| Pb-Free |  |
| RoHS Compliant |  |
| Halogen Free | Yes |
| Material Composition Declaration (MCD) | Download MCD Report  Download MCD Report  |
| RoHS Certificate of Analysis (CoA) | Download RoHS CoA Report |
| 2nd Level Interconnect | Contact Us |
| Moisture Sensitivity Level (MSL) | 1 |
| Floor Life | UNLIMITED |
| Peak Package Body Temperature (PPT)(°C) | 260 |
| Maximum Time at Peak Temperature (s) | 40 |
| Number of Reflow Cycles | 3 |
| REACH SVHC | Freescale REACH Statement |

Manufacturing Information

| Parameter | Value |
|-----------------|-------|
| Micron Size(?m) | .09 |

Ordering Information

| Parameter | Value |
|--|------------------------|
| Minimum Package Quantity (MPQ) | 3000 |
| MPQ Container | REEL |
| Exempt from Minimum Delivery Value | Yes |
| Preferred Order Quantity (POQ) | 3000 |
| POQ Container | REEL |
| Export Control Classification Number (US) | 3A991A2 |
| Harmonized Tariff (US) Disclaimer | 8542.31.0000 |
| CCATS Document | - |
| ENC Status | - |
| Other Trade Compliance Documents | - |
| Budgetary Price excluding tax(US\$) Change Currency | 10000 @ US\$11.78 each |
| Order | |

Operating Characteristics

| Parameter | Value |
|-------------------------------|-------|
| Sample Exception Availability | N |

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