

SMPF0100SLAZES :Part Detail

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General Information

| | |
|--|--|
| Part Number | SMPF0100SLAZES |
| Description | Power Management IC, i.MX6, pre-prog ,4/6 buck, 6 LDO, 1 boost, QFN 56, Tray |
| Product Line | GCF0100 |
| PTI | ANPG |
| Material Type | Tested Packaged Device |
| Life Cycle Description (code) | PRODUCT STABLE GROWTH/MATURITY |
| Status | Active |
| Application/Qualification Tier | AUTO; >=10 YEARS APPLICATION LIFE |

Package Information

| | |
|--|--------------------------|
| Package Type and Termination Count | QFN-EP 56 |
| Package Description and Mechanical Drawing | QFN-EP 56 8*8*0.9 P.5 WF |
| Device Weight(g) | 0.19140 |
| Package Length (nominal)(mm) | 8.000 |
| Package Width (nominal)(mm) | 8.000 |
| Package Thickness (nominal)(mm) | 0.850 |
| Tape & Reel | No |

Environmental and Compliance Information

| | |
|---|---|
| Pb-Free | |
| RoHS Compliant | |
| Halogen Free | Yes |
| Material Composition Declaration (MCD) | Download MCD Report Download MCD Report |
| RoHS Certificate of Analysis (CoA) | Contact Us |
| 2nd Level Interconnect | e3 |
| Moisture Sensitivity Level (MSL) | 3 |
| Floor Life | 168 HOURS |
| Peak Package Body Temperature (PBT)(°C) | 260 |

| | |
|--------------------------------------|--|
| Maximum Time at Peak Temperature (s) | 40 |
| Number of Reflow Cycles | 3 |
| REACH SVHC | NXP REACH Statement |
| UL94 (plastics flammability test) | V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed |

Manufacturing Information

| | |
|-----------------|-----|
| Micron Size(μm) | .13 |
|-----------------|-----|

Ordering Information

| | |
|--|--------------|
| Minimum Package Quantity (MPQ) | 260 |
| MPQ Container | TRAY |
| Exempt from Minimum Delivery Value | No |
| Preferred Order Quantity (POQ) | 1300 |
| POQ Container | BOX |
| Export Control Classification Number (US) | EAR99 |
| Harmonized Tariff (US) Disclaimer | 8542.39.0000 |
| CCATS Document | - |
| ENC Status | - |
| Other Trade Compliance Documents | - |
| Budgetary Price excluding tax(US\$) Change Currency | - |

Order

Operating Characteristics

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

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