

**T2080NXE8TTB Information**[Product Summary Page](#)

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**General Information**





Parameter	Value
Part Number	T2080NXE8TTB
Description	QorIQ, 64b Power Arch, 8x 1.8GHz threads, 1.87GT/s DDR3/3L, 4x10GE, crypto enabled, -40-105C, Rev1.1
Product Line	GVC2080E
PTI	NLFB
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	PRODUCT RAPID GROWTH
Status	Active
<a href="#">Application/Qualification Tier</a>	10-YEARS APPLICATION LIFE

**Package Information**

Parameter	Value
Package Type and Termination Count	FCPBGA 896
Package Description and Mechanical Drawing	<a href="#">FC 896 25x25 2.46 Lidded</a>

Device Weight(g)	6.15980
Package Length (nominal)(mm)	25.000
Package Width (nominal)(mm)	25.000
Package Thickness (nominal)(mm)	2.460
Tape & Reel	No

### Environmental and Compliance Information

Parameter	Value
Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	<a href="#">Download MCD Report</a>  <a href="#">Download MCD Report</a> 
RoHS Certificate of Analysis (CoA)	<a href="#">Contact Us</a>
2nd Level Interconnect	e1
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	250
Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	<a href="#">NXP REACH Statement</a>

### Manufacturing Information

Parameter	Value
Micron Size(μm)	.028

**Ordering Information**

Parameter	Value
Minimum Package Quantity (MPQ)	1
MPQ Container	EACH
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1
POQ Container	BOX
Leadtime (weeks)	22
Export Control Classification Number (US)	5A002A
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> <a href="#">Change Currency</a>	1000 @ US\$157.22 each
Order	<a href="#">Buy Direct</a> <a href="#">Check Buy Availability</a>

**Operating Characteristics**

Parameter	Value
Additional Features	SATA 2.0
Ambient Operating Temperature (Min-Max) (°C)	-40 to 105