



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**SPC5743RK1MLU5 Information**[Product Summary Page](#)[General Information](#)[Package Information](#)[Environmental and Compliance Information](#)[Manufacturing Information](#)[Ordering Information](#)[Operating Characteristics](#)**General Information**

Parameter	Value
Part Number	SPC5743RK1MLU5
Description	Freescale 32-bit MCU, Triple Power Arch core, 3MB Flash, 200MHz, -40/+125degC,Automotive Qual,LQFP17
Product Line	G9FP57LU
PTI	JBQF
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	PRODUCT RAPID GROWTH
Status	Active
<a href="#">SafeAssure Functional Safety</a>	ISO 26262
<a href="#">Application/Qualification Tier</a>	AUTO; >=10 YEARS APPLICATION LIFE

**Package Information**

Parameter	Value
Package Type and Termination Count	QFP 176
Package Description and Mechanical Drawing	<a href="#">LQFP 176 24*24*1.4P0.5</a>
Device Weight(g)	1.86850
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	24.000
Package Width (nominal)(mm)	24.000
Package Thickness (nominal)(mm)	1.600
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="#">Download RoHS CoA Report</a>
2nd Level Interconnect	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	<a href="#">NXP REACH Statement</a>
UL94 (plastics flammability test)	V0: Burning stops within 10 seconds on a vertical specimen; no drips allowed

**Manufacturing Information**

Parameter	Value
Micron Size(μm)	.05

**Ordering Information**

Parameter	Value
Minimum Package Quantity (MPQ)	200
MPQ Container	BRICK
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	400
POQ Container	BOX
Leadtime (weeks)	20
Export Control Classification Number (US)	3A991A2

Harmonized Tariff (US) <a href="#">Disclaimer</a>	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-

## Operating Characteristics

Parameter	Value
ADC (ch)	64
Additional Features	Zipwire
Ambient Operating Temperature (Min-Max) (°C)	-40 to 125
CAN	4
Core: Number of cores (Spec)	2
Core: Type	Z4
Internal Flash (KB)	2000
Internal RAM (KB)	128
Operating Frequency (Max) (MHz)	200
Sample Exception Availability	Y
SPI	4
Total DMA Channels	64