

Infineon Memory Products Longevity Program

Infineon's memory longevity program extends availability of our most popular flash and RAM devices to serve long-lived platforms. The tables in this guide provide an overview of supported product families and their expected longevity. Further longevity details are available on the Infineon product longevity website.

www.infineon.com/product-information/product-longevity-program/memories

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Infineon Memory Products - Longevity information

At Infineon, we understand how crucial it is to provide information about the expected availability periods of semiconductor products (“Longevity”). Based on Infineon’s current assessment of actual product demand and considering in particular the following factors, Infineon currently plans to make the products listed in the table below available for at least the time periods as stated in such table:

Continuous demand
- The availability of products is subject to sufficient overall product demand

Product changes
- Products are subject to changes by Infineon. Major changes, such as changes of the technology or transfer to different manufacturing sites, will be notified to ordering customers through Infineon’s standard change management process

Product migration
- Infineon may require customers to migrate to function compatible products

Please note that Infineon’s plannings are subject to change and that the information in the below table might therefore not be up to date. Infineon updates the below table at least on an annual basis.
In case the product of interest is not included in the table below, please submit a customer case in our support system.

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This table provides a family level overview of NOR flash product longevity. These families are planned to be available until the listed longevity date.
Please check the Infineon website product longevity page for details at an individual part level.

To determine if an Infineon NOR flash product family is in the longevity program, locate the first nine digits of its part number and verify that it is listed in the abbreviated part number column in the table below.

S	2	5	H	L	0	1	G	T	D	P	B	H	A	0	3	3
S	Product / Interface		I/O architecture	Voltage	Density			Process node	Bus speed / access speed		Package / material		Temperature grade	Model Number		Packing Type

Product family	Interface	Process node[1]	Abbreviated part number	Recommended package[2]	Extended support until at least
SEMPER™	Quad SPI	45nm MB	S25HL256T / S25HL512T / S25HL01GT / S25HL02GT / S25HS256T / S25HS512T / S25HS01GT / S25HS02GT	24-ball BGA, 16-pin SOIC	2037
	HYPERBUS™	45nm MB	S26HL512T / S26HL01GT / S26HL02GT / S26HS512T / S26HS01GT / S26HS02GT	24-ball BGA	2037
	Octal	45nm MB	S28HL256T / S28HL512T / S28HL01GT / S28HL02GT / S28HS256T / S28HS512T / S28HS01GT / S28HS02GT	24-ball BGA	2037
HYPERFLASH™	HYPERBUS™	65nm MB	S26KL128S / S26KL256S / S26KL512S / S26KS128S / S26KS256S / S26KS512S	24-ball BGA	2035
Standard SPI	Quad SPI	65nm MB	S25FL128S / S25FL256S / S25FL512S / S25FS064S / S25FS128S / S25FS256S / S25FS512S / S70FL01GS / S70FS01GS	24-ball BGA, 16-pin SOIC	2035
	Quad SPI	65nm FG	S25FL064L / S25FL128L / S25FL256L	24-ball BGA, 8-pin SOIC	2032
Page mode 16/8-bit wide	Parallel	45nm MB	S29GL512T / S29GL01GT / S70GL02GT	64-ball BGA, 56-pin TSOP	2035
	Parallel	65nm MB	S29GL064S / S29GL128S / S29GL256S / S29GL512S / S29GL01GS / S70GL02GS	64-ball BGA, 56-pin TSOP	2035

[1] MB = MIRRORBIT™, FG = Floating Gate **[2] For all 24-ball BGA packages, 5x5-ball configuration only**

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This table provides a family level overview of Asynchronous SRAM product longevity. These families are planned to be available until the listed longevity date.
Please check the Infineon website product longevity page for details at an individual part level.

To determine if an Infineon Asynchronous SRAM product family is in the longevity program, verify that every character in the part number before the divider (-) is listed in the abbreviated part number column in the table below.

CY62137FV18LL	-	55BVXIT
Abbreviated part number	Divider	Part model configuration

Product family	Bus Width	Voltage	Abbreviated part number	Recommended package	Extended support until at least
MoBL™	x16	1.8V	CY62157EV18LL / CY62157G18	48-ball BGA	2033
	x16	3V	CY62146G30 / CY62146EV30LL / CY621472E30LL / CY62147EV30LL / CY621472G30 / CY62147G30 / CY62147GN30 / CY62157EV30LL / CY62157G30	44-pin TSOP, 48-ball BGA	2033
			CY62157GE30 / CY62157H30 / CY62167DV30LL / CY62167EV30LL / CY62167G30 / CY62167GE30 / CY62167GN30 / CY62177EV30LL / CY62177G30 / CY62187EV30LL / CY62187G30	48-pin TSOP, 48-ball BGA	
	x16	5V	CY62146G / CY62146ELL / CY62146ESL / CY62156HSL / CY62167G	44-pin TSOP,	2033
	x8	3V	CY62148G30	32-pin TSOP	2033
			CY62158EV30LL / CY62158G30 / CY62158GE30 / CY62168EV30LL	44-pin TSOP, 48-ball BGA	
	x8	5V	CY62148G / CY62158H	32-pin TSOP	2033
FAST	x32	3V	CY7C1062G30	119-ball BGA	2033
	x16	1.8V	CY7C1061GE18	48-pin TSOP	2033
			CY7C1061GN18	54-pin TSOP	
	x16	3V	CY7C1041G30 / CY7C1041GE30 / CY7C1041GN30 / CY7C1011G30 / CY7C1051H30	48-ball BGA, 44-pin TSOP	2033
			CY7C1061G30 / CY7C1061GE30 / CY7C1061GN30 / CY7C10612G30	54-pin TSOP	
	x16	5V	CY7C1041G / CY7C1041GN	44-pin TSOP	2033
			CY7C1061G / CY7C1061GE	48-ball BGA	
	x8	3V	CY7C1049G30 / CY7C1049GN30 / CY7C1059H30	44-pin TSOP	2033
			CY7C1069G30 / CY7C1069GN30	54-pin TSOP	
	x8	5V	CY7C1049G / CY7C1049GN	SOJ-36	2033
PowerSnooze™	x16	3V	CY7S1061G30	48-ball BGA	2033

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This table provides a family level overview of Synchronous SRAM product longevity. These families are planned to be available until the listed longevity date.
Please check the Infineon website product longevity page for details at an individual part level.

To determine if an Infineon Synchronous SRAM memory device is in the longevity program, verify that every character in the part number before the divider (-) is listed in the abbreviated part number column in the table below.

CY7C4042KV13	-	933FCXC
Abbreviated part number	Divider	Part model configuration

Product family	Bus Width	Voltage	Abbreviated part number	Recommended package	Extended support until at least
QDR™-IV	x36	1.3V	CY7C4042KV13 / CY7C4141KV13 / CY7C4142KV13	361-ball BGA	2031
	x18	1.3V	CY7C4121KV13 / CY7C4122KV13	361-ball BGA	2031
Standard Sync and NoBL with ECC	x36	3.3V	CY7C1361KVE33/ CY7C1370KVE33 / CY7C1371KVE33/ CY7C1381KVE33 / CY7C1441KVE33 / CY7C1460KVE33	100-pin TQFP	2031
	x18	3.3V	CY7C1372KVE33 / CY7C1383KVE33	100-pin TQFP	2031
Standard Sync and NoBL	x36	3.3V	CY7C1370KV33 / CY7C1371KV33 / CY7C1380KV33 / CY7C1381KV33 / CY7C1441KV33 / CY7C1444KV33 / CY7C1460KV33 / CY7C1461KV33	100-pin TQFP	2031
	x18	3.3V	CY7C1372KV33 / CY7C1373KV33 / CY7C1383KV33 / CY7C1387KV33 / CY7C1463KV33	100-pin TQFP	2031
	x36	2.5V	CY7C1460KV25	100-pin TQFP	2031
	x18	2.5V	CY7C1372KV25	100-pin TQFP	2031

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This table provides a family level overview of F-RAM product longevity. These families are planned to be available until the listed longevity date.
Please check the Infineon website product longevity page for details at an individual part level.

To determine if an Infineon F-RAM product family is in the longevity program, verify that every character in the part number before the divider (-) is listed in the abbreviated part number column in the table below.

CY15V102QN	-	50SXET
Abbreviated part number	Divider	Part model configuration

Product family	Interface	Voltage	Abbreviated part number	Recommended package	Extended support until at least
EXCELON™ F-RAM	SPI	1.8V	CY15V102QN / CY15V104QN / CY15V108QN / CY15V116QN	24-ball BGA, 8-pin SOIC	2033
	SPI	3V	CY15B102Q / CY15B102QN / CY15B104Q / CY15B104QN / CY15B108QN / CY15B116QN / CY15B201QN	24-ball BGA, 8-pin SOIC, 8-pin DFN	2033
	Quad SPI	1.8V	CY15V102QSN / CY15V104QSN / CY15V108QSN / CY15V116QSN	24-ball BGA, 8-pin SOIC	2033
	Quad SPI	3V	CY15B201QSN / CY15B102QSN / CY15B104QSN / CY-15B108QSN / CY15B116QSN / CY15B201QSN	24-ball BGA, 8-pin SOIC	2033
Standard F-RAM (CY prefix)	SPI	3.3V	CY15B004Q / CY15B016Q / CY15B064Q / CY15B128Q / CY15B256Q	8-pin SOIC	2033
	SPI	5V	CY15E004Q / CY15E016Q / CY15E064Q	8-pin SOIC	2033
	I2C	3.3V	CY15B004J / CY15B064J / CY15B128J / CY15B256J	8-pin SOIC	2033
	I2C	5V	CY15E064J	8-pin SOIC	2033
Standard F-RAM (FM prefix)	SPI	2V-3.6V	FM25V01A / FM25V02A / FM25V05 / FM25V10 / FM25VN10 / FM25V20A	8-pin SOIC	2033
	SPI	2.7V-3.6V	FM25L04B / FM25L16B / FM25CL64B	8-pin DFN	2033
	SPI	2.7V-5.5V	FM25W256	8-pin SOIC	2033
	SPI	4.5V-5.5V	FM25040B / FM25640B / FM25C160B	8-pin SOIC	2033
	I2C	2V-3.6V	FM24V01A / FM24V02A / FM24V05 / FM24V10	8-pin SOIC	2033
	I2C	2.7V-3.6V	FM24CL04B / FM24CL16B / FM24CL64B	8-pin SOIC, 8-pin DFN	2033
	I2C	2.7V-5.5V	FM24W256	8-pin SOIC	2033
	I2C	4.5V-5.5V	FM24C04B / FM24C16B / FM24C64B	8-pin SOIC	2033

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This table provides a family level overview of nvSRAM product longevity. These families are planned to be available until the listed longevity date.
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To determine if an Infineon nvSRAM product family is in the longevity program, verify that every character in the part number before the divider (-) is listed in the abbreviated part number column in the table below.

CY14V256LA	-	BA35XIT
Abbreviated part number	Divider	Part model configuration

Product family	Voltage	Abbreviated part number	Recommended package	Extended support until at least
Parallel	3.3V Vcc / 1.8V Vccq	CY14V256LA/CY14V101LA / CY14V101NA/CY14V104NA	48-ball BGA	2033
	3.3V Vcc / 1.8V Vccq	CY14V116N / CY14V116G7	165-ball BGA	2031
	3V	CY14U256LA / CYB101NA CY14B104LA / CY14B104NA / CY14B104K / CY14B108K	44-pin TSOP	2033
		CY14B104M / CY14B108N / CY14B108M	54-pin TSOP	
		CY14B256LA / CY14B101LA	48-pin SSOP	
	3V	CY14B116M / CY14B116N / CY14B116S	54-pin TSOP, 165-ball BGA	2031

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Infineon offers its toll-free **0800/4001** service hotline as one central number, available 24/7 in English, Mandarin and German.

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