



# RAM Memory Products Longevity Program

Over three decades of memory leadership

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# RAM Memory Products Longevity Program

The Infineon RAM Memory Products Longevity Program secures the supply and availability of Marketing Part Numbers (MPNs) with a compatible set of core features and supports RAM products for a minimum of 10 years. The core features include command set, mechanical package and pin-out, density, voltage range, and temperature range. This program reinforces Infineon's reputation as a trusted supplier committed to protecting the investment made by customers serving mission-critical applications, including industrial, medical and automotive market segments that require extended product availability and support for high-performance RAM memories.

The RAM Memory Products Longevity Program products include asynchronous SRAMs, serial ferroelectric RAMs or F-RAMs, parallel nonvolatile SRAMs or nvSRAMs, HyperBus™ interface-enabled serial HyperRAM™ memories, as well as the RAM memories sold into aerospace, military and defense markets.

## Asynchronous SRAM

Density	MoBL™ Asynchronous SRAM		Extended support up to
2Mb	CY62138FLL-45SXI CY62136FV30LL-45BVXI CY62136FV30LL-45ZSXI CY62136FV30LL-45ZSXA CY62136FV30LL-55SXE CY62137FV18LL-55BVXI CY62137FV30LL-45BVXI CY62137FV30LL-45ZSXI CY62137FV30LL-45ZSXA CY62137FV30LL-55ZSXE	CY62138FV30LL-45BVXI CY62138FV30LL-45ZAXI CY62138FV30LL-45ZAXA CY62138FV30LL-45ZXI CY62136ESL-45ZSXI CY62136EV30LL-45BVXI CY62136EV30LL-45ZSXI CY62137EV30LL-45ZSXI CY62138EV30LL-45BVXI	31-Dec-2031
4Mb	CY62146ELL-45ZSXI CY62146ESL-45ZSXI CY62146EV30LL-45BVXI CY62146EV30LL-45ZSXI CY62147E30LL-45ZSXI CY62147EV18LL-55BVXI CY62147EV30LL-45B2XI CY62147EV30LL-45BVXI CY62147EV30LL-45ZSXI CY62148ELL-45ZSXI CY62148ELL-55SXI CY62148ESL-55ZAXI CY62148EV30LL-45BVXI CY62148EV30LL-45ZSXI CY62148EV30LL-55SXI CY62146G-45ZSXA CY62146G30-45BVXI CY62146G30-45ZSXI CY62146G30-45ZSXA CY62147G-45ZSXI CY62147G18-55BVXI CY62147G18-55ZSXI CY62147G30-45B2XI CY62147G30-45BVXI	CY62147G30-55BVXE CY62147G30-45ZSXI CY62147G30-45ZSXA CY62147G30-55ZSXE CY62147G30-45ZSXI CY62147G30-45ZSXA CY62148G-45SXI CY62148G-45ZSXI CY62148G30-45SXI CY62148G30-45ZSXI CY62146GE-45ZSXI CY62146GE30-45BVXI CY62146GE30-45ZSXI CY62147GE-45ZSXI CY62147GE18-55BVXI CY62147GE18-55ZSXI CY62147GE30-45ZSXI CY62146GN-45ZSXI CY62146GN30-45ZSXI CY62147GN30-45BVXI CY62147GN30-45ZSXI CY62148GN-45SXI CY62148GN-45ZSXI CY62148GN30-45ZSXI	31-Dec-2031
8Mb	CY62157ELL-45ZSXI CY62157ELL-55BVXE CY62157ELL-55ZSXE CY62157ESL-45ZSXI CY62157EV18LL-55BVXI CY62157EV30LL-45BVXI CY62157EV30LL-45BVXA CY62157EV30LL-45ZSXI CY62157EV30LL-45ZSXA CY62157EV30LL-45ZXI CY62157EV30LL-45ZXA CY62157EV30LL-55ZSXE CY62158ELL-45ZSXI CY62158EV30LL-45BVXI CY62158EV30LL-45ZSXI	CY62156HSL-45BVXI CY62158H-45ZSXI CY62157G18-55BVXI CY62157G18-55BVXA CY62157G30-45BVXI CY62157G30-45BVXA CY62157G30-45ZSXI CY62157G30-45ZSXA CY62157G30-45ZXI CY62157G30-45ZXA CY62157GE30-45BVXI CY62157GE30-45ZXI CY62158G30-45BVXI CY62158G30-45ZSXI CY62158GE30-45BVXI	31-Dec-2031
16Mb	CY62167DV30LL-55BVXI CY62167DV30LL-55ZXI CY62167ELL-45ZXI CY62167EV18LL-55BVI CY62167EV18LL-55BVXI CY62167EV30LL-45BVI CY62167EV30LL-45BVXI CY62167EV30LL-45BVXA CY62167EV30LL-45ZXI CY62167EV30LL-45ZXA CY62168EV30LL-45BVXI CY62162G18-55BGXI CY62167G-45BVXI CY62167G-45ZXI	CY62167G30-45BVXI CY62167G30-45BVXA CY62167G30-45ZXI CY62167G30-45ZXA CY62167GE-45ZXI CY62167GE18-55BVXI CY62167GE30-45BV1XI CY62167GE30-45BVXI CY62167GE30-45ZXI CY62167GN-45ZXI CY62167GN30-45BVXI CY62167GN30-45ZXI CY62168G30-45BVXI	31-Dec-2031
32Mb	CY62177EV30LL-55BAXI CY62177EV30LL-55ZXI CY62177GE30-55ZXI	CY62177G30-55BAXI CY62177G30-55BKXI CY62177G30-55ZXI	31-Dec-2031
64Mb	CY62187EV30LL-55BAXI	CY62187G30-55BAXI	31-Dec-2031

Density	FAST Asynchronous SRAM		Extended support up to
2Mb	CY7C1011DV33-10BVXI CY7C1011DV33-10ZSXI	CY7C1011G30-10BAJXE CY7C1011G30-10ZSXA CY7C1011G30-12ZSXE	31-Dec-2031
4Mb	CY7C1041DV33-10BVXI CY7C1041DV33-10ZSXI CY7C1041G-10VXI CY7C1041G-10ZSXI CY7C1041G18-15BVXI CY7C1041G18-15VXI CY7C1041G18-15ZSXI CY7C1041G30-10BVJXI CY7C1041G30-10BVXI CY7C1041G30-10VXI CY7C1041G30-10BAJXE CY7C1041G30-10ZSXI CY7C1041G30-10ZSXA CY7C1041G30-10ZSXE CY7C1049G-10VXI CY7C1049G-10ZSXI CY7C1049G18-15ZSXI	CY7C1049G30-10VXI CY7C1049G30-10ZSXI CY7C1041GE-10VXI CY7C1041GE-10ZSXI CY7C1041GE30-10BVXI CY7C1041GE30-10VXI CY7C1041GE30-10ZSXI CY7C1041G30-10BVJXI CY7C1041GN-10VXI CY7C1041GN-10ZSXI CY7C1041GN30-10BVJXI CY7C1041GN30-10BVXI CY7C1041GN30-10VXI CY7C1041GN30-10ZSXI CY7C1049GN-10VXI CY7C1049GN30-10ZSXI	31-Dec-2031
8Mb	CY7C1051H30-10BVXI	CY7C1051H30-10ZSXI CY7C1059H30-10ZSXI	31-Dec-2031
16Mb	CY7C1061G-10BVXI CY7C1061G-10ZSXI CY7C1061G-10ZXI CY7C1061G18-15BV1XI CY7C1061G18-15ZSXI CY7C1061G18-15ZXI CY7C1061G30-10BVXI CY7C1061G30-10BVJXI CY7C1061G30-10BV1XI CY7C1061G30-10BV1XE CY7C1061G30-10ZSXI CY7C1061G30-10ZSXI CY7C1061G30-10ZXI CY7C1061G30-10ZXE CY7C1061GE-10BVXI CY7C1061GE18-15ZSXI CY7C1061GE18-15ZXI CY7C1061GE30-10BVXI	CY7C1061GE30-10BVJXI CY7C1061GE30-10BV1XI CY7C1061GE30-10ZSXI CY7C1061GE30-10ZXI CY7C1061GN18-15ZSXI CY7C1061GN30-10BV1XI CY7C1061GN30-10BVJXI CY7C1061GN30-10BVXI CY7C1061GN30-10ZSXI CY7C1061GN30-10ZSXI CY7C1062G30-10BGXI CY7C1062GE30-10BGXI CY7C1062GN30-10BGXI CY7C1069G30-10BVXI CY7C1069G30-10ZSXI CY7C1069GE30-10ZSXI CY7C1069GN30-10ZSXI	31-Dec-2031

Density	PowerSnooze Asynchronous SRAM		Extended support up to
4Mb	CY7S1041G-10ZSXI CY7S1041G30-10BVXI CY7S1041G30-10VXI	CY7S1041G30-10ZSXI CY7S1041GE30-10BVXI CY7S1049GE30-10VXI	31-Dec-2031
16Mb	CY7S1061G30-10BVXI CY7S1061GE-10ZXI	CY7S1061GE30-10ZXI	31-Dec-2031

## F-RAM (Ferroelectric RAM)

Density	Serial SPI F-RAM		Extended support up to
4Kb	FM25040B-G FM25L04B-G FM25L04B-DG	CY15B004Q-SXE CY15E004Q-SXE	31-Dec-2031
16Kb	FM25C160B-G FM25L16B-G FM25L16B-DG	CY15B016Q-SXE CY15E016Q-SXE	31-Dec-2031
64Kb	FM25640B-G FM25CL64B-G FM25CL64B-DG	CY15B064Q-SXA CY15B064Q-SXE CY15E064Q-SXE	31-Dec-2031
128Kb	FM25V01A-G	CY15B128Q-SXA CY15B128Q-SXE	31-Dec-2031
256Kb	FM25V02A-G FM25V02A-DG FM25V02A-DGQ	FM25W256-G CY15B256Q-SXA CY15B256Q-SXE	31-Dec-2031
512Kb	FM25V05-G		31-Dec-2031
1Mb	FM25V10-G FM25VN10-G	FM25V10-DG FM25V10-PG	31-Dec-2031
2Mb	FM25V20A-G FM25V20A-DG FM25V20A-DGQ CY15B102Q-SXE CY15B102QN-50SXI CY15B102QN-50SXE	CY15B102QN-50LHXI CY15B102QN-50PZXI CY15V102QN-50SXI CY15V102QN-50SXE CY15V102QN-50LHXI CY15V102QN-50PZXI	31-Dec-2031
4Mb	CY15B104Q-SXI CY15B104Q-LHXI CY15B104Q-PZXI	CY15B104QN-50SXI CY15B104QN-50PZXI CY15V104QN-50SXI	31-Dec-2031
8Mb	CY15B108QN-40SXI		31-Dec-2031

Density	Serial I <sup>2</sup> C F-RAM		Extended support up to
4Kb	FM24C04B-G FM24CL04B-G	CY15B004J-SXA CY15B004J-SXE	31-Dec-2031
16Kb	FM24C16B-G FM24CL16B-G	FM24CL16B-DG	31-Dec-2031
64Kb	FM24C64B-G FM24CL64B-G FM24CL64B-DG	CY15B064J-SXA CY15B064J-SXE CY15E064J-SXA CY15E064J-SXE	31-Dec-2031
128Kb	FM24V01A-G	CY15B128J-SXA	31-Dec-2031
256Kb	FM24V02A-G FM24W256-G	CY15B256J-SXA CY15B256J-SXE	31-Dec-2031
512Kb	FM24V05-G		31-Dec-2031
1Mb	FM24V10-G	FM24VN10-G	31-Dec-2031

Density	Serial Quad SPI (QSPI) F-RAM		Extended support up to
2Mb	CY15B102QSN-108SXI	CY15V102QSN-108SXI	31-Dec-2031
4Mb	CY15B104QSN-108SXI	CY15V104QSN-108SXI	31-Dec-2031

## nvSRAM (Non-volatile SRAM)

Density	Parallel nvSRAM		Extended support up to
256Kb	CY14B256LA-SP45XI	CY14U256LA-BA35XI CY14V256LA-BA35XI	31-Dec-2031
1Mb	CY14B101LA-BA25XI CY14B101LA-BA45XI CY14B101LA-SP25XI CY14B101LA-SP45XI CY14B101LA-ZS25XI CY14B101LA-ZS45XI	CY14B101KA-SP45XI CY14B101KA-ZS45XI CY14B101NA-ZS25XI CY14B101NA-ZS45XI CY14V101LA-BA45XI CY14V101NA-BA25XI CY14V101NA-BA45XI	31-Dec-2031
4Mb	CY14B104K-ZS25XI CY14B104K-ZS45XI CY14B104LA-BA45XI CY14B104LA-ZS25XI CY14B104LA-ZS45XI CY14B104M-ZSP45XI CY14B104NA-BA25XI CY14B104NA-BA45XE	CY14B104NA-BA45XI CY14B104NA-ZS25XE CY14B104NA-ZS25XI CY14B104NA-ZS45XE CY14B104NA-ZS45XI CY14B104NA-ZSP45XI CY14V104NA-BA25XI CY14V104NA-BA45XI	31-Dec-2031

Density	Parallel nvSRAM		Extended support up to
8Mb	CY14B108K-ZS45XI CY14B108M-ZSP25XI CY14B108N-BA25XI	CY14B108N-BA45XI CY14B108N-ZSP25XI CY14B108N-ZSP45XI	31-Dec-2031
16Mb	CY14B116K-ZS25XI CY14B116L-Z45XI CY14B116L-ZS25XI CY14B116M-BZ45XI CY14B116M-ZSP25XI CY14B116N-BA25XI CY14B116N-BZ25XI CY14B116N-Z30XI CY14B116N-Z45XI	CY14B116N-ZSP25XI CY14B116N-ZSP45XI CY14B116S-BZ25XI CY14B116S-BZ35XI CY14E116L-ZS25XI CY14E116N-Z30XI CY14V116N-BZ30XI CY14V116G7-BZ30XI	31-Dec-2031

## HyperRAM™

Density	HyperRAM™		Extended support up to
64Mb	S27KL0642DPBHA020 S27KL0642DPBHB020 S27KL0642DPBHI020 S27KL0642DPBHV020 S27KL0642GABHA020 S27KL0642GABHB020 S27KL0642GABHI020 S27KL0642GABHM020	S27KS0642GABHV020 S27KS0642GABHA020 S27KS0642GABHB020 S27KS0642GABHI020 S27KS0642GABHM020 S27KS0642GABHV020	31-Dec-2031
128Mb	S70KL1282DPBHA020 S70KL1282DPBHB020 S70KL1282DPBHI020 S70KL1282DPBHV020 S70KL1282GABHA020 S70KL1282GABHB020 S70KL1282GABHI020 S70KL1282GABHM020	S70KS1282GABHV020 S70KS1282GABHA020 S70KS1282GABHB020 S70KS1282GABHI020 S70KS1282GABHM020 S70KS1282GABHV020	31-Dec-2031
256Mb	S80KS2562GABHA020 S80KS2562GABHB020 S80KS2562GABHI020	S80KS2562GABHM020 S80KS2562GABHV020	31-Dec-2031
512Mb	S80KS5122GABHA020 S80KS5122GABHB020 S80KS5122GABHI020	S80KS5122GABHM020 S80KS5122GABHV020	31-Dec-2031

Density	Octal xSPI RAM		Extended support up to
64Mb	S27KL0643DPBHA020 S27KL0643DPBHB020 S27KL0643DPBHI020 S27KL0643DPBHV020 S27KL0643GABHA020 S27KL0643GABHB020	S27KS0643GABHV020 S27KS0643GABHA020 S27KS0643GABHB020 S27KS0643GABHI020 S27KS0643GABHM020	31-Dec-2031
128Mb	S70KL1283DPBHA020 S70KL1283DPBHB020 S70KL1283DPBHI020 S70KL1283DPBHV020 S70KL1283GABHA020 S70KL1283GABHB020	S70KS1283GABHV020 S70KS1283GABHA020 S70KS1283GABHB020 S70KS1283GABHI020 S70KS1283GABHM020	31-Dec-2031
256Mb	S80KS2563GABHA020 S80KS2563GABHB020 S80KS2563GABHI020	S80KS2563GABHM020 S80KS2563GABHV020	31-Dec-2031
512Mb	S80KS5123GABHA020 S80KS5123GABHB020 S80KS5123GABHI020	S80KS5123GABHM020 S80KS5123GABHV020	31-Dec-2031

## Aerospace and defense RAM

Density	FAST Asynchronous SRAM		Extended support up to
4Mb	5962F1123501VXC CYRS1049DV33-12FZMB CYPT1049DV33-12FZMB	CYRS1049DV33-1X18M CYPT1049DV33-1X18M	31-Dec-2031
16Mb	CYRS1061G30-10GGMB CYPT1061G30-10GGMB	CY7S1061GE30-10BVM	31-Dec-2031

Density	F-RAM		Extended support up to
1Mb	CY15B101N-ZS60XM		31-Dec-2031
2Mb	CY15B102N-ZS60XM CY15B102Q-SXM	CYPT15B102Q-GGMB CYRS15B102Q-1X11I	31-Dec-2031

Density	nvSRAM		Extended support up to
256Kb	STK14C88C-35C35M STK14C88C-5C35M	5962-1821101QXC	31-Dec-2031
1Mb	STK14CA8C-35C35M STK14CA8C-5C35M	5962-1821201QXC	31-Dec-2031

Density	Synchronous SRAM		Extended support up to
9Mb	CY7C1361KVE33-133AXM		31-Dec-2031
18Mb	CY7C1370KVE33-167AXM	CY7C1381KVE33-133AXM	31-Dec-2031
36Mb	CY7C1441KV33-133AXM	CY7C1441KV33-133BZM	31-Dec-2031
72Mb	5962F1120101VXA 5962F1120102VXA 5962F1120201VXA 5962F1120202VXA CYRS1542AV18-250GCMB CYRS1543AV18-1X24M CYRS1543AV18-250GCMB CYRS1544AV18-250GCMB CYRS1545AV18-250GCMB	CYPT1542AV18-250GLMB CYPT1543AV18-1X24M CYPT1543AV18-250GCMB CYPT1543AV18-250GLMB CYPT1544AV18-250GLMB CYPT1545AV18-250GLMB	31-Dec-2031
144Mb	5962R1821401VXF 5962R1821402VXF 5962R1821403VXF 5962R1821404VXF CYPT1642KV18-250GCMB CYPT1643KV18-250GCMB CYPT1644KV18-250GCMB CYPT1645KV18-250GCMB CYPT2642KV18-250GCMB CYPT2643KV18-250GCMB CYPT2644KV18-250GCMB CYPT2645KV18-250GCMB CYPT2643KV18-1X24M	5962R1821501VXF 5962R1821502VXF 5962R1821503VXF 5962R1821504VXF CYRS1642KV18-250GCMB CYRS1643KV18-250GCMB CYRS1644KV18-250GCMB CYRS1645KV18-250GCMB CYRS2642KV18-250GCMB CYRS2643KV18-250GCMB CYRS2644KV18-250GCMB CYRS2645KV18-250GCMB CY7C2665KV18-450BZI	31-Dec-2031

The Infineon RAM Memory Products Longevity Program will be revised periodically to add new products. The Longevity Program described here is not an indication of End-of-Life. Please refer to the RAM Memory product roadmap for the latest product status.

If we decide to discontinue any MPN on this list due to circumstances beyond our control, we will notify customers through a Product Termination Notice with sufficient lead-time and a replacement part in accordance with Industry Standard JESD.

Please contact your local sales representative for information on ordering part numbers that have not been included in the Products Longevity Program.

# Where to buy

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# Contact us

## **Infineon Technology LLC Memory Solutions**

198 Champion Court  
San Jose, California, U.S.A 95134  
[www.infineon.com](http://www.infineon.com)

HQ Am Campeon 1-15  
D-85579 Neubiberg  
Germany

## **For more information on Infineon RAM Memory solutions:**

- |                        |  |
|------------------------|--|
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