

# Product Discontinuation

## PD223803

■ Last Order Date:	2023-06-30
■ Last Delivery Date:	2024-03-31

### Reason:

Termination of HYPERRAM™ 1.0 products and migration to next generation HYPERRAM™ 2.0 products as a continuous improvement activity.

### Considerations for migrating from HYPERRAM™ 1.0 to HYPERRAM™ 2.0:

HYPERRAM™ 2.0 is form, fit and function compatible with HYPERRAM™ 1.0. However, there is a difference in the default clock latency setting between HYPERRAM™ 2.0 and HYPERRAM™ 1.0 due to change in default value of Configuration Register 1. The Device ID also differs to differentiate HYPERRAM™ 2.0 from HYPERRAM™ 1.0. This may require firmware update to accommodate the change. No PCB change will be required.

For a detailed comparison between the two devices, refer to the Application Note AN226137 "Migrating from S27KL0641/S27KS0641 to S27KL0642/S27KS0642" for 64Mb devices and Application Note AN229785 "Migrating from S70KL1281/S70KS1281 to S70KL1282/S70KS1282" for 128Mb devices. Application Notes are attached to this notification.

The Application Notes and product datasheets can be downloaded from the Infineon website ([www.infineon.com/HYPERRAM](http://www.infineon.com/HYPERRAM))

DISCONTINUED				NEW (REPLACEMENT)	
Item	Marketing Part Number	Family	Item Catalog Category	Drop In Replacement Part	Next Best Alternative Part
1	S27KL0641DABHA020	SPCM	SPCM	None	S27KL0642DPBHA020
2	S27KL0641DABHA023	SPCM	SPCM	None	S27KL0642DPBHA023
3	S27KL0641DABHA030	SPCM	SPCM	None	S27KL0642DPBHI030; S70KL1282DPBHB030
4	S27KL0641DABHA033	SPCM	SPCM	None	S27KL0642DPBHI033; S70KL1282DPBHB033
5	S27KL0641DABHB020	SPCM	SPCM	None	S27KL0642DPBHB020

**Disclaimer:** The supply of this product will stop after the date of last delivery as outlined herein. Final orders can only be accepted on or before the last order date and are subject to the availability. Early ordering is strongly recommended! If Infineon confirms a purchase order with a delivery date beyond last delivery date, the PD with the mentioned last ordering date still remains valid.

DISCONTINUED				NEW (REPLACEMENT)	
Item	Marketing Part Number	Family	Item Catalog Category	Drop In Replacement Part	Next Best Alternative Part
6	S27KL0641DABHB023	SPCM	SPCM	None	S27KL0642DPBHB023
7	S27KL0641DABHB030	SPCM	SPCM	None	S27KL0642DPBHI030; S70KL1282DPBHB030
8	S27KL0641DABHB033	SPCM	SPCM	None	S27KL0642DPBHI033; S70KL1282DPBHB033
9	S27KL0641DABHI020	SPCM	SPCM	None	S27KL0642DPBHI020
10	S27KL0641DABHI023	SPCM	SPCM	None	S27KL0642DPBHI023
11	S27KL0641DABHI030	SPCM	SPCM	None	S27KL0642DPBHI030
12	S27KL0641DABHI033	SPCM	SPCM	None	S27KL0642DPBHI033
13	S27KL0641DABHV020	SPCM	SPCM	None	S27KL0642DPBHV020
14	S27KL0641DABHV023	SPCM	SPCM	None	S27KL0642DPBHV023
15	S27KL0641DABHV030	SPCM	SPCM	None	S27KL0642DPBHI030; S70KL1282DPBHB030
16	S27KL0641DABHV033	SPCM	SPCM	None	S27KL0642DPBHI033; S70KL1282DPBHB033
17	S27KS0641DPBHA020	SPCM	SPCM	None	S27KS0642GABHA020
18	S27KS0641DPBHA023	SPCM	SPCM	None	S27KS0642GABHA023
19	S27KS0641DPBHB020	SPCM	SPCM	None	S27KS0642GABHB020
20	S27KS0641DPBHB023	SPCM	SPCM	None	S27KS0642GABHB023

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DISCONTINUED				NEW (REPLACEMENT)	
Item	Marketing Part Number	Family	Item Catalog Category	Drop In Replacement Part	Next Best Alternative Part
21	S27KS0641DPBHI020	SPCM	SPCM	None	S27KS0642GABHI020
22	S27KS0641DPBHI023	SPCM	SPCM	None	S27KS0642GABHI023
23	S27KS0641DPBHV020	SPCM	SPCM	None	S27KS0642GABHV020
24	S27KS0641DPBHV023	SPCM	SPCM	None	S27KS0642GABHV023
25	S70KL1281DABHI020	SPCM	SPCM	None	S70KL1282DPBHI020
26	S70KL1281DABHI023	SPCM	SPCM	None	S70KL1282DPBHI023
27	S70KL1281DABHV020	SPCM	SPCM	None	S70KL1282DPBHV020
28	S70KL1281DABHV023	SPCM	SPCM	None	S70KL1282DPBHV023
29	S70KS1281DPBHI020	SPCM	SPCM	None	S70KS1282GABHI020
30	S70KS1281DPBHI023	SPCM	SPCM	None	S70KS1282GABHI023
31	S70KS1281DPBHV020	SPCM	SPCM	None	S70KS1282GABHV020
32	S70KS1281DPBHV023	SPCM	SPCM	None	S70KS1282GABHV023
33	P7700180F2C000	SPCM	SPCM	None	S27KL0642DPBHB020
34	P7700180-F2C000	SPCM	SPCM	None	S27KL0642DPBHB020



On 16 April 2020, Infineon acquired Cypress.

We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.

For further details, please visit our website:

<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

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