

Information note

INF222302

With this Infineon Technologies AG Information Note we would like to inform you about the following

Datasheet update for S70KL1283/S70KS1283 HYPERRAM products



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/>

► **Products affected**

Please refer to attached affected product list [22]

► **Detailed change information**

Subject Datasheet update for S70KL1283/S70KS1283 HYPERRAM products

Reason Updates covering datasheet rev *A due to:
 (a) adjustment in Input leakage current from 2 μ A to 4 μ A to align with production testing limits.
 (b) specification of tDSS/tDSH limits for 166MHz instead of 100MHz

Description	Old	New
Datasheet	002-29418; Rev **	002-29418; Rev *A
ILI1 (Input leakage current)	2 μ A	4 μ A
ILI2 (Input leakage current)	2 μ A	4 μ A
tDSS for 166MHz @3.0V -min (RWDS transition to DQ valid)	-0.8 ns	-0.45 ns
tDSS for 166MHz @3.0V -max (RWDS transition to DQ valid)	0.8 ns	0.45 ns
tDSH for 166MHz @3.0V -min (RWDS transition to DQ invalid)	-0.8 ns	-0.45 ns
tDSH for 166MHz @3.0V -max (RWDS transition to DQ invalid)	0.8 ns	0.45 ns
New Note 55		The tDV timing calculation is provided only for reference and not to determine the spec limit. The spec limit is guaranteed by testing.

► **Product identification**

Not applicable

► **Impact of change**

No change of product (neither of technology/package nor of chip design) or test program. Changes to data sheet are due to change in measurement methodology.

► **Attachments**

Affected product list [22]

► **Intended start of delivery**

Immediate

If you have any questions, please do not hesitate to contact your local sales office.

[Information Note] N° [INF222302]

Datasheet update for S70KL1283/S70K1283
HYPERRAM products



Item	Marketing Part Number	Family
1	S70KL1283DPBHA020	SPCM
2	S70KL1283DPBHA023	SPCM
3	S70KL1283DPBHB020	SPCM
4	S70KL1283DPBHB023	SPCM
5	S70KL1283DPBHI020	SPCM
6	S70KL1283DPBHI023	SPCM
7	S70KL1283DPBHV020	SPCM
8	S70KL1283DPBHV023	SPCM
9	S70KL1283GABHB020	SPCM
10	S70KL1283GABHB023	SPCM
11	S70KL1283GABHI020	SPCM
12	S70KL1283GABHI023	SPCM
13	S70KL1283GABHV020	SPCM
14	S70KL1283GABHV023	SPCM
15	S70KS1283GABHA020	SPCM
16	S70KS1283GABHA023	SPCM
17	S70KS1283GABHB020	SPCM
18	S70KS1283GABHB023	SPCM
19	S70KS1283GABHI020	SPCM
20	S70KS1283GABHI023	SPCM
21	S70KS1283GABHV020	SPCM
22	S70KS1283GABHV023	SPCM