

**Dear Customer,**

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

## **Early Problem Notification RESET\_CM.001: Effects of Resets on SRAMs**

N° 006/17

## Early Problem Notification RESET\_CM.001: Effects of Resets on SRAMs

► **Products affected:** Please refer to 4\_cip17006

► **Detailed Change Information:**

**Subject:** Early Problem Notification RESET\_CM.001 V1.1: Effects of Resets on SRAMs  
Please refer to 1\_cip17006 attached

**Reason:** Functional problem

<b>Description:</b>	<u>Old</u>	<u>New</u>
	Not applicable (no previous release, V1.0 = internal version)	■ Info Note No. 006/17 Early Problem Notification V1.1 RESET_CM.001 V1.1: Effects of Resets on SRAMs (V1.1 = first release)

► **Product Identification:** Not applicable (no change of product)

► **Impact of Change:** Not applicable (no change of product)

► **Attachments:** Affected product list: 1\_cip17006  
EPN RESET\_CM.001 V1.1: 4\_cip17006

► **Intended start of delivery:** Test program update (corrective action) valid from 2017-01-23 onwards

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

Sales Name	SP number	OPN	Package
XMC4100-F64F128 AB	SP001017564	XMC4100F64F128ABXQMA1	PG-LQFP-64-19
XMC4100-F64F128 BA	SP001279448	XMC4100F64F128BAXQMA1	PG-TQFP-64-19
XMC4100-F64K128 AB	SP001017566	XMC4100F64K128ABXQSA1	PG-LQFP-64-19
XMC4100-F64K128 BA	SP001368456	XMC4100F64K128BAXQMA1	PG-TQFP-64-19
XMC4100-Q48F128 AB	SP001219746	XMC4100Q48F128ABXUMA1	PG-VQFN-48-53
XMC4100-Q48F128 BA	SP001279436	XMC4100Q48F128BAXUMA1	PG-VQFN-48-71
XMC4100-Q48K128 AB	SP001205828	XMC4100Q48K128ABXUMA1	PG-VQFN-48-53
XMC4100-Q48K128 BA	SP001279430	XMC4100Q48K128BAXUMA1	PG-VQFN-48-71
XMC4104-F64F128 AB	SP001019662	XMC4104F64F128ABXQMA1	PG-LQFP-64-19
XMC4104-F64F128 BA	SP001279452	XMC4104F64F128BAXQMA1	PG-TQFP-64-19
XMC4104-F64F64 AB	SP001019652	XMC4104F64F64ABXQMA1	PG-LQFP-64-19
XMC4104-F64F64 BA	SP001279456	XMC4104F64F64BAXQMA1	PG-TQFP-64-19
XMC4104-F64K128 AB	SP001019666	XMC4104F64K128ABXQSA1	PG-LQFP-64-19
XMC4104-F64K128 BA	SP001368458	XMC4104F64K128BAXQMA1	PG-TQFP-64-19
XMC4104-F64K64 AB	SP001019654	XMC4104F64K64ABXQSA1	PG-LQFP-64-19
XMC4104-F64K64 BA	SP001368462	XMC4104F64K64BAXQMA1	PG-TQFP-64-19
XMC4104-Q48F128 AB	SP001219748	XMC4104Q48F128ABXUMA1	PG-VQFN-48-53
XMC4104-Q48F128 BA	SP001279442	XMC4104Q48F128BAXUMA1	PG-VQFN-48-71
XMC4104-Q48F64 AB	SP001219752	XMC4104Q48F64ABXUMA1	PG-VQFN-48-53
XMC4104-Q48F64 BA	SP001279438	XMC4104Q48F64BAXUMA1	PG-VQFN-48-71
XMC4104-Q48K128 AB	SP001219750	XMC4104Q48K128ABXUMA1	PG-VQFN-48-53
XMC4104-Q48K128 BA	SP001279444	XMC4104Q48K128BAXUMA1	PG-VQFN-48-71
XMC4104-Q48K64 AB	SP001219754	XMC4104Q48K64ABXUMA1	PG-VQFN-48-53
XMC4104-Q48K64 BA	SP001279440	XMC4104Q48K64BAXUMA1	PG-VQFN-48-71
XMC4108-F64K64 AB	SP001227214	XMC4108F64K64ABXQMA1	PG-LQFP-64-19
XMC4108-F64K64 BA	SP001279432	XMC4108F64K64BAXQMA1	PG-TQFP-64-19
XMC4108-Q48K64 AB	SP001202100	XMC4108Q48K64ABXUMA1	PG-VQFN-48-53
XMC4108-Q48K64 BA	SP001279434	XMC4108Q48K64BAXUMA1	PG-VQFN-48-71
XMC4200-F64F256 AB	SP001017490	XMC4200F64F256ABXQMA1	PG-LQFP-64-19
XMC4200-F64F256 BA	SP001279450	XMC4200F64F256BAXQMA1	PG-TQFP-64-19
XMC4200-F64K256 AB	SP001017514	XMC4200F64K256ABXQSA1	PG-LQFP-64-19
XMC4200-F64K256 BA	SP001171976	XMC4200F64K256BAXQSA1	PG-TQFP-64-19
XMC4200-F64K256 BA	SP001368464	XMC4200F64K256BAXQMA1	PG-TQFP-64-19
XMC4200-Q48F256 AB	SP001219756	XMC4200Q48F256ABXUMA1	PG-VQFN-48-53
XMC4200-Q48F256 BA	SP001279446	XMC4200Q48F256BAXUMA1	PG-VQFN-48-71
XMC4200-Q48K256 AB	SP001168118	XMC4200Q48K256ABXUMA1	PG-VQFN-48-53
XMC4200-Q48K256 BA	SP001171974	XMC4200Q48K256BAXUMA1	PG-VQFN-48-71
XMC4300-F100F256 AA	SP001410668	XMC4300F100F256AAXQMA1	PG-LQFP-100-25
XMC4300-F100K256 AA	SP001410674	XMC4300F100K256AAXQMA1	PG-LQFP-100-25
XMC4400-F100F256 AB	SP001019638	XMC4400F100F256ABXQSA1	PG-LQFP-100-11
XMC4400-F100F256 BA	SP001593604	XMC4400F100F256BAXQMA1	PG-LQFP-100-25
XMC4400-F100F512 AB	SP001017518	XMC4400F100F512ABXQMA1	PG-LQFP-100-11
XMC4400-F100F512 AB	SP001311414	XMC4400F100F512ABXUMA1	PG-LQFP-100-11
XMC4400-F100F512 BA	SP001593590	XMC4400F100F512BAXQMA1	PG-LQFP-100-25
XMC4400-F100F512 BA	SP001593600	XMC4400F100F512BAXUMA1	PG-LQFP-100-25
XMC4400-F100K256 AB	SP001019640	XMC4400F100K256ABXQSA1	PG-LQFP-100-11
XMC4400-F100K256 BA	SP001302034	XMC4400F100K256BAXUMA2	PG-LQFP-100-25
XMC4400-F100K256 BA	SP001595978	XMC4400F100K256BAXQMA1	PG-LQFP-100-25
XMC4400-F100K512 AB	SP001017494	XMC4400F100K512ABXQSA1	PG-LQFP-100-11
XMC4400-F100K512 AB	SP001205826	XMC4400F100K512ABXQMA1	PG-LQFP-100-11
XMC4400-F100K512 AB	SP001351798	XMC4400F100K512ABXUMA1	PG-LQFP-100-11

XMC4400-F100K512 BA	SP001225428	XMC4400F100K512BAXQMA1	PG-LQFP-100-25
XMC4400-F100K512 BA	SP001342448	XMC4400F100K512BAXUMA1	PG-LQFP-100-25
XMC4400-F64F256 AB	SP001020232	XMC4400F64F256ABXQMA1	PG-LQFP-64-19
XMC4400-F64F256 BA	SP001593606	XMC4400F64F256BAXQMA1	PG-TQFP-64-19
XMC4400-F64F512 AB	SP001017492	XMC4400F64F512ABXQMA1	PG-LQFP-64-19
XMC4400-F64F512 BA	SP001593608	XMC4400F64F512BAXQMA1	PG-TQFP-64-19
XMC4400-F64K256 AB	SP001020234	XMC4400F64K256ABXQSA1	PG-LQFP-64-19
XMC4400-F64K256 BA	SP001366250	XMC4400F64K256BAXQMA1	PG-TQFP-64-19
XMC4400-F64K512 AB	SP001017516	XMC4400F64K512ABXQSA1	PG-LQFP-64-19
XMC4400-F64K512 BA	SP001182566	XMC4400F64K512BAXQMA1	PG-TQFP-64-19
XMC4402-F100F256 AB	SP001019642	XMC4402F100F256ABXQMA1	PG-LQFP-100-11
XMC4402-F100F256 BA	SP001593602	XMC4402F100F256BAXQMA1	PG-LQFP-100-25
XMC4402-F100K256 AB	SP001019646	XMC4402F100K256ABXQSA1	PG-LQFP-100-11
XMC4402-F100K256 BA	SP001604834	XMC4402F100K256BAXQMA1	PG-LQFP-100-25
XMC4402-F64F256 AB	SP001019648	XMC4402F64F256ABXQMA1	PG-LQFP-64-19
XMC4402-F64F256 BA	SP001593610	XMC4402F64F256BAXQMA1	PG-TQFP-64-19
XMC4402-F64K256 AB	SP001019650	XMC4402F64K256ABXQSA1	PG-LQFP-64-19
XMC4402-F64K256 BA	SP001366290	XMC4402F64K256BAXQMA1	PG-TQFP-64-19
XMC4500-E144F1024 AC	SP001093084	XMC4500E144F1024ACXQSA1	PG-LFBGA-144-10
XMC4500-E144X1024 AC	SP001122972	XMC4500E144X1024ACXQSA1	PG-LFBGA-144-10
XMC4500-F100F1024 AC	SP001146676	XMC4500F100F1024ACXQMA1	PG-LQFP-100-11
XMC4500-F100F1024 AC	SP001146676	XMC4500F100F1024ACXQMA1	PG-LQFP-100-25
XMC4500-F100F768 AC	SP001146692	XMC4500F100F768ACXQMA1	PG-LQFP-100-11
XMC4500-F100F768 AC	SP001146692	XMC4500F100F768ACXQMA1	PG-LQFP-100-25
XMC4500-F100K1024 AC	SP001093080	XMC4500F100K1024ACXQSA1	PG-LQFP-100-11
XMC4500-F100K1024 AC	SP001093080	XMC4500F100K1024ACXQSA1	PG-LQFP-100-25
XMC4500-F100K768 AC	SP001146694	XMC4500F100K768ACXQMA1	PG-LQFP-100-11
XMC4500-F100K768 AC	SP001146694	XMC4500F100K768ACXQMA1	PG-LQFP-100-25
XMC4500-F144F1024 AC	SP001146706	XMC4500F144F1024ACXQMA1	PG-LQFP-144-18
XMC4500-F144F1024 AC	SP001146706	XMC4500F144F1024ACXQMA1	PG-LQFP-144-24
XMC4500-F144F768 AC	SP001146708	XMC4500F144F768ACXQMA1	PG-LQFP-144-18
XMC4500-F144F768 AC	SP001146708	XMC4500F144F768ACXQMA1	PG-LQFP-144-24
XMC4500-F144K1024 AC	SP001093082	XMC4500F144K1024ACXQMA1	PG-LQFP-144-18
XMC4500-F144K1024 AC	SP001093082	XMC4500F144K1024ACXQMA1	PG-LQFP-144-24
XMC4500-F144K768 AC	SP001146710	XMC4500F144K768ACXQMA1	PG-LQFP-144-18
XMC4500-F144K768 AC	SP001146710	XMC4500F144K768ACXQMA1	PG-LQFP-144-24
XMC4502-F100F768 AC	SP001104474	XMC4502F100F768ACXQMA1	PG-LQFP-100-11
XMC4502-F100F768 AC	SP001104474	XMC4502F100F768ACXQMA1	PG-LQFP-100-25
XMC4502-F100K768 AC	SP001104472	XMC4502F100K768ACXQMA1	PG-LQFP-100-11
XMC4502-F100K768 AC	SP001104472	XMC4502F100K768ACXQMA1	PG-LQFP-100-25
XMC4504-F100F512 AC	SP001146702	XMC4504F100F512ACXQMA1	PG-LQFP-100-11
XMC4504-F100F512 AC	SP001146702	XMC4504F100F512ACXQMA1	PG-LQFP-100-25
XMC4504-F100K512 AC	SP001146704	XMC4504F100K512ACXQMA1	PG-LQFP-100-11
XMC4504-F100K512 AC	SP001146704	XMC4504F100K512ACXQMA1	PG-LQFP-100-25
XMC4504-F144F512 AC	SP001146720	XMC4504F144F512ACXQMA1	PG-LQFP-144-18
XMC4504-F144F512 AC	SP001146720	XMC4504F144F512ACXQMA1	PG-LQFP-144-24
XMC4504-F144K512 AC	SP001146712	XMC4504F144K512ACXQMA1	PG-LQFP-144-18
XMC4504-F144K512 AC	SP001146712	XMC4504F144K512ACXQMA1	PG-LQFP-144-24
XMC4700-E196F1536 AA	SP001366292	XMC4700E196F1536AAXQMA1	PG-LFBGA-196-2
XMC4700-E196F2048 AA	SP001366294	XMC4700E196F2048AAXQMA1	PG-LFBGA-196-2
XMC4700-E196K1536 AA	SP001366296	XMC4700E196K1536AAXQMA1	PG-LFBGA-196-2
XMC4700-E196K2048 AA	SP001320594	XMC4700E196K2048AAXQMA1	PG-LFBGA-196-2
XMC4700-F100F1536 AA	SP001311742	XMC4700F100F1536AAXQMA1	PG-LQFP-100-25
XMC4700-F100F2048 AA	SP001311746	XMC4700F100F2048AAXQMA1	PG-LQFP-100-25
XMC4700-F100K1536 AA	SP001311750	XMC4700F100K1536AAXQMA1	PG-LQFP-100-25

XMC4700-F100K2048 AA	SP001311754	XMC4700F100K2048AAXQMA1	PG-LQFP-100-25
XMC4700-F144F1536 AA	SP001311760	XMC4700F144F1536AAXQMA1	PG-LQFP-144-24
XMC4700-F144F2048 AA	SP001311764	XMC4700F144F2048AAXQMA1	PG-LQFP-144-24
XMC4700-F144K1536 AA	SP001311762	XMC4700F144K1536AAXQMA1	PG-LQFP-144-24
XMC4700-F144K2048 AA	SP001311766	XMC4700F144K2048AAXQMA1	PG-LQFP-144-24
XMC4800-E196F1024 AA	SP001366298	XMC4800E196F1024AAXQMA1	PG-LFBGA-196-2
XMC4800-E196F1536 AA	SP001366300	XMC4800E196F1536AAXQMA1	PG-LFBGA-196-2
XMC4800-E196F2048 AA	SP001366302	XMC4800E196F2048AAXQMA1	PG-LFBGA-196-2
XMC4800-E196K1024 AA	SP001366304	XMC4800E196K1024AAXQMA1	PG-LFBGA-196-2
XMC4800-E196K1536 AA	SP001366306	XMC4800E196K1536AAXQMA1	PG-LFBGA-196-2
XMC4800-E196K2048 AA	SP001320596	XMC4800E196K2048AAXQMA1	PG-LFBGA-196-2
XMC4800-F100F1024 AA	SP001311770	XMC4800F100F1024AAXQMA1	PG-LQFP-100-25
XMC4800-F100F1536 AA	SP001311776	XMC4800F100F1536AAXQMA1	PG-LQFP-100-25
XMC4800-F100F2048 AA	SP001311792	XMC4800F100F2048AAXQMA1	PG-LQFP-100-25
XMC4800-F100K1024 AA	SP001311780	XMC4800F100K1024AAXQMA1	PG-LQFP-100-25
XMC4800-F100K1536 AA	SP001311786	XMC4800F100K1536AAXQMA1	PG-LQFP-100-25
XMC4800-F100K2048 AA	SP001311796	XMC4800F100K2048AAXQMA1	PG-LQFP-100-25
XMC4800-F144F1024 AA	SP001311800	XMC4800F144F1024AAXQMA1	PG-LQFP-144-24
XMC4800-F144F1536 AA	SP001311804	XMC4800F144F1536AAXQMA1	PG-LQFP-144-24
XMC4800-F144F2048 AA	SP001311806	XMC4800F144F2048AAXQMA1	PG-LQFP-144-24
XMC4800-F144K1024 AA	SP001311808	XMC4800F144K1024AAXQMA1	PG-LQFP-144-24
XMC4800-F144K1536 AA	SP001311810	XMC4800F144K1536AAXQMA1	PG-LQFP-144-24
XMC4800-F144K2048 AA	SP001311812	XMC4800F144K2048AAXQMA1	PG-LQFP-144-24