

Dear Customer,

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

Robustness improvement affecting products TC1782 and TC1784

N° 008/17

Robustness improvement affecting products TC1782 and TC1784

▶ Products affected:	Sales Name	SP N°	OPN	Package
	Please refer to 1_cip00817 attached. (Please note: valid for products only manufactured at Infineon's waferfab location Dresden, Germany).			
▶ Detailed Change Information:				
	Subject:	Change of firmware parameters (no firmware code change) controlling the erase algorithm of the FLASH memory.		
	Reason:	Improvement of FLASH endurance robustness (under worst case operating temperatures) against process variations.		
	Description:	<u>Old</u>	<u>New</u>	
	Firmware:	■ erase algorithm_old	■ erase algorithm_new (updated)	
▶ Product Identification: Traceability is ensured by lot number.				
▶ Impact of Change: No impact for the application (erase time specification and target value of VT distribution unchanged) – robustness measure.				
▶ Attachments: Products affected: 1_cip00817 Q-Report: 2_cip00817 (available on demand)				
▶ Intended start of delivery: From July 2018 onwards.				

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

INF N°008/17

Robustness improvement affecting products TC1782 and TC1784



Sales Name	SP number	OPN	Package
SAK-TC1782F-320F160HL BA	SP001035676	TC1782F320F160HLBAKXUMA1	PG-LQFP-176-10
SAK-TC1782F-320F160HR BA	SP001066172	TC1782F320F160HRBAKXUMA2	PG-LQFP-176-20
SAK-TC1782F-320F160HR BA	SP001066960	TC1782F320F160HRBAKXUMA1	PG-LQFP-176-20
SAK-TC1782F-320F180HL BA	SP000797618	TC1782F320F180HLBAKXUMA1	PG-LQFP-176-10
SAK-TC1782F-320F180HL BA	SP001068660	TC1782F320F180HLBAKXUMA2	PG-LQFP-176-10
SAK-TC1782F-320F180HL BA	SP001119028	TC1782F320F180HLBAKXUMA3	PG-LQFP-176-10
SAK-TC1782F-320F180HR BA	SP000862218	TC1782F320F180HRBAKXUMA1	PG-LQFP-176-11
SAK-TC1782F-320F180HR BA	SP000862218	TC1782F320F180HRBAKXUMA1	PG-LQFP-176-20
SAK-TC1782F-320F180HR BA	SP001006932	TC1782F320F180HRBAKXUMA2	PG-LQFP-176-11
SAK-TC1782F-320F180HR BA	SP001006932	TC1782F320F180HRBAKXUMA2	PG-LQFP-176-20
SAK-TC1782N-256F133HL BA	SP000797626	TC1782N256F133HLBAKXUMA1	PG-LQFP-176-10
SAK-TC1782N-256F133HR BA	SP001066164	TC1782N256F133HRBAKXUMA2	PG-LQFP-176-20
SAK-TC1782N-320F160HL BA	SP001008364	TC1782N320F160HLBAKXUMA1	PG-LQFP-176-10
SAK-TC1782N-320F160HR BA	SP001066182	TC1782N320F160HRBAKXUMA2	PG-LQFP-176-20
SAK-TC1782N-320F160HR BA	SP001066962	TC1782N320F160HRBAKXUMA1	PG-LQFP-176-20
SAK-TC1782N-320F180HL BA	SP000884904	TC1782N320F180HLBAKXUMA1	PG-LQFP-176-10
SAK-TC1782N-320F180HR BA	SP000874788	TC1782N320F180HRBAKXUMA1	PG-LQFP-176-20
SAK-TC1782N-320F180HR BA	SP001066138	TC1782N320F180HRBAKXUMA2	PG-LQFP-176-20
SAK-TC1782N-320F180HR BA	SP001585736	TC1782N320F180HRBAKXUMA1	PG-LQFP-176-20
SAK-TC1784F-320F180EL BA	SP000891908	TC1784F320F180ELBAKXUMA1	PG-LFBGA-292-1
SAK-TC1784F-320F180EP BA	SP001125540	TC1784F320F180EPBAKXUMA1	PG-LFBGA-292-6
SAK-TC1784N-320F180EL BA	SP000947718	TC1784N320F180ELBAKXUMA1	PG-LFBGA-292-1
SAL-TC1782F-320F180HL BA	SP000949596	TC1782F320F180HLBALXUMA1	PG-LQFP-176-10
SAL-TC1782N-256F133HL BA	SP001005290	TC1782N256F133HLBALXUMA1	PG-LQFP-176-10