

Dear Customer,

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

Early Problem Notification FLASH_TC.052: Use of Write Page Once command affecting TC2xx Microcontrollers

N° 071/19

Early Problem Notification FLASH_TC.052: Use of Write Page Once command affecting TC2xx Microcontrollers

► **Products affected:**

Please refer to attached affected product list 1_cip07119

► **Detailed Change Information:**

Subject: Early Problem Notification FLASH_TC.052: Use of Write Page Once command affecting TC2xx Microcontrollers

Reason: Functional Problems, Application Hints, Documentation Updates

Description:	<u>Old</u>	<u>New</u>
	<ul style="list-style-type: none">■ Not applicable (no previous release)	<ul style="list-style-type: none">■ Early Problem Notification FLASH_TC.052_EPN_v1_0 (first release)

► **Product Identification:**

Not applicable (no change of product)

► **Impact of Change:**

Not applicable (no change of product)

► **Attachments:**

Affected product list:	1_cip07119
FLASH_TC.052_EPN_v1_0:	4_cip07119

► **Intended start of delivery:**

Not applicable

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

INF N°071/19

Early Problem Notification FLASH_TC.052: Use of Write Page Once command affecting TC2xx Microcontrollers



Sales Name	SP number	OPN	Package
SAL-TC260D-40F200N BC	SP001397652	TC260D40F200NBCLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200N DC	SP001397628	TC270TP64F200NDCLX2SA1	S-BDWBT-1
SAL-TC290TP-128F300N BC	SP001397610	TC290TP128F300NBCLX2SA1	S-BDWBT-1
SAL-TC230LP-32F200 AB	SP001397536	TC230LP32F200ABLX2SA1	S-BDWBT-1
SAL-TC270TF-64F200N DC	SP001388460	TC270TF64F200NDCLX2SA1	S-BDWBT-1
SAL-TC270TF-64F200 DB	SP001388458	TC270TF64F200DBLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200 DC	SP001366140	TC270TP64F200DCLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200 DB	SP001217576	TC270TP64F200DBLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200 CA	SP001146110	TC270TP64F200CALX2SA1	S-BDWBT-1
SAL-TC260D-40F200W BA	SP001136350	TC260D40F200WBALX2SA1	S-BDWBT-1
SAL-TC260D-40F200W AB	SP001136348	TC260D40F200WABLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200 BC	SP001103436	TC270TP64F200BCLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200 BA	SP001070776	TC270TP64F200BALX2SA1	S-BDWBT-1
SAL-TC290TP-128F300 BB	SP001001126	TC290TP128F300BBLX2SA1	S-BDWBT-1
SAK-TC270T-64F200	SP001001118	TC270T64F200KX2SA1	S-BDWBT-1
SAL-TC260D-40F200W AA	SP000988404	TC260D40F200WAALX2SA1	S-BDWBT-1
SAK-TC212S-8F133N AC	SP002397974	TC212S8F133NACKXQMA1	PG-TQFP-80
SAK-TC212S-8F133SC AC	SP001936928	TC212S8F133SCACKXUMA1	PG-TQFP-80
SAK-TC222S-12F133F AC	SP001721584	TC222S12F133FACKXUMA1	PG-TQFP-80
SAK-TC222L-16F133F AB	SP001690498	TC222L16F133FABKXQMA1	PG-TQFP-80
SAL-TC222L-16F133N AC	SP001658220	TC222L16F133NACLXUMA1	PG-TQFP-80
SAK-TC222S-16F133F AC	SP001658212	TC222S16F133FACKXUMA1	PG-TQFP-80
SAK-TC222S-12F133F AC	SP001658210	TC222S12F133FACKXQMA1	PG-TQFP-80
SAK-TC222L-16F133F AC	SP001658208	TC222L16F133FACKXUMA1	PG-TQFP-80
SAL-TC212L-8F133N AC	SP001658206	TC212L8F133NACLXUMA1	PG-TQFP-80
SAK-TC212S-8F133N AC	SP001658200	TC212S8F133NACKXUMA1	PG-TQFP-80
SAK-TC212S-8F133F AC	SP001658194	TC212S8F133FACKXUMA1	PG-TQFP-80
SAK-TC212L-8F133F AC	SP001658192	TC212L8F133FACKXUMA1	PG-TQFP-80
SAK-TC222S-16F133N AC	SP001644376	TC222S16F133NACKXUMA1	PG-TQFP-80
SAK-TC222S-12F133N AC	SP001644362	TC222S12F133NACKXUMA1	PG-TQFP-80
SAK-TC222S-12F133F AB	SP001641678	TC222S12F133FABKXQMA1	PG-TQFP-80
SAK-TC212L-8F133N AC	SP001592690	TC212L8F133NACKXUMA1	PG-TQFP-80
SAK-TC222L-16F133N AC	SP001584424	TC222L16F133NACKXUMA1	PG-TQFP-80
SAK-TC222L-12F133F AB	SP001335936	TC222L12F133FABKXUMA1	PG-TQFP-80
SAK-TC222S-12F133F AB	SP001329964	TC222S12F133FABKXUMA1	PG-TQFP-80
SAK-TC222S-16F133F AB	SP001288596	TC222S16F133FABKXUMA1	PG-TQFP-80
SAK-TC212S-8F133F AB	SP001287988	TC212S8F133FABKXUMA1	PG-TQFP-80
SAK-TC222L-16F133F AB	SP001268336	TC222L16F133FABKXUMA1	PG-TQFP-80
SAK-TC212L-8F133F AB	SP001268334	TC212L8F133FABKXUMA1	PG-TQFP-80
SAK-TC275TF-64F200Q DB	SP001217580	N.A.	PG-TQFP-216
SAK-TC275TF-64F200Q BA	SP001061388	N.A.	PG-TQFP-216
SAK-TC265DE-40F200Q AA	SP000988420	N.A.	PG-TQFP-216
SAK-TC264DE-40F200Q AA	SP000988414	N.A.	PG-TQFP-172
SAL-TC234LP-32F200N AC	SP005350321	TC234LP32F200NACLXQMA1	PG-TQFP-144
SAK-TC234LH-32F200F AB	SP005184614	TC234LH32F200FABKXUMA1	PG-TQFP-144
SAK-TC234LP-32F200F AC	SP002574662	TC234LP32F200FACKXQMA1	PG-TQFP-144
SAK-TC234LX-32F200F AB	SP001689442	TC234LX32F200FABKXQMA1	PG-TQFP-144

SAK-TC234L-32F200F AC	SP001658280	TC234L32F200FACKXUMA1	PG-TQFP-144
SAK-TC234LP-24F200F AC	SP001658278	TC234LP24F200FACKXUMA1	PG-TQFP-144
SAK-TC234L-24F200F AC	SP001658274	TC234L24F200FACKXUMA1	PG-TQFP-144
SAK-TC234LP-16F200F AC	SP001658272	TC234LP16F200FACKXUMA1	PG-TQFP-144
SAL-TC224L-16F133F AC	SP001658250	TC224L16F133FACLXUMA1	PG-TQFP-144
SAL-TC224L-16F133N AC	SP001658248	TC224L16F133NACLXUMA1	PG-TQFP-144
SAK-TC234LP-32F200N AC	SP001642890	TC234LP32F200NACKXQMA1	PG-TQFP-144
SAK-TC224L-16F133N AC	SP001641938	TC224L16F133NACKXUMA1	PG-TQFP-144
SAK-TC214L-8F133N AC	SP001641930	TC214L8F133NACKXUMA1	PG-TQFP-144
SAK-TC234L-24F200N AC	SP001624402	TC234L24F200NACKXUMA1	PG-TQFP-144
SAK-TC234L-24F200F AB	SP001596338	TC234L24F200FABKXUMA1	PG-TQFP-144
SAK-TC234LC-24F133F AC	SP001584026	TC234LC24F133FACKXUMA1	PG-TQFP-144
SAK-TC234L-32F200N AC	SP001408144	TC234L32F200NACKXUMA1	PG-TQFP-144
SAK-TC234LP-32F200F AC	SP001399224	TC234LP32F200FACKXUMA1	PG-TQFP-144
SAK-TC234LP-32F200N AC	SP001397714	TC234LP32F200NACKXUMA1	PG-TQFP-144
SAK-TC234LX-32F200F AB	SP001350934	TC234LX32F200FABKXUMA1	PG-TQFP-144
SAK-TC214S-8F133F AB	SP001287990	TC214S8F133FABKXUMA1	PG-TQFP-144
SAL-TC234LP-16F200F AB	SP001281246	TC234LP16F200FABLXUMA1	PG-TQFP-144
SAL-TC234L-32F200F AB	SP001281232	TC234L32F200FABLXUMA1	PG-TQFP-144
SAL-TC234LP-32F200F AB	SP001281200	TC234LP32F200FABLXUMA1	PG-TQFP-144
SAK-TC234LA-32F200F AB	SP001276932	TC234LA32F200FABKXUMA1	PG-TQFP-144
SAK-TC234LF-32F200F AB	SP001271404	N.A.	PG-TQFP-144
SAK-TC234LP-16F200F AB	SP001270728	TC234LP16F200FABKXUMA1	PG-TQFP-144
SAK-TC234LP-32F200F AB	SP001268352	TC234LP32F200FABKXUMA1	PG-TQFP-144
SAK-TC234L-32F200F AB	SP001268350	TC234L32F200FABKXUMA1	PG-TQFP-144
SAK-TC224L-16F133F AB	SP001268344	TC224L16F133FABKXUMA1	PG-TQFP-144
SAK-TC214L-8F133F AB	SP001268342	TC214L8F133FABKXUMA1	PG-TQFP-144
SAK-TC233L-32F200F AB	SP004396818	TC233L32F200FABKXUMA2	PG-TQFP-100
SAK-TC233LP-24F200N AC	SP002944554	TC233LP24F200NACKXUMA1	PG-TQFP-100
SAK-TC233LC-24F133N AC	SP002725546	TC233LC24F133NACKXUMA1	PG-TQFP-100
SAL-TC233L-32F200N AC	SP002256782	TC233L32F200NACLXUMA1	PG-TQFP-100
SAK-TC233L-32F200N AC	SP001778310	TC233L32F200NACKXQMA1	PG-TQFP-100
SAK-TC233S-32F200N AC	SP001720744	TC233S32F200NACKXQMA1	PG-TQFP-100
SAL-TC223S-16F133F AC	SP001720702	TC223S16F133FACLXUMA1	PG-TQFP-100
SAK-TC233SP-32F200N AC	SP001708334	TC233SP32F200NACKXQMA1	PG-TQFP-100
SAK-TC233L-32F200F AC	SP001700652	TC233L32F200FACKXQMA1	PG-TQFP-100
SAK-TC233LP-32F200F AC	SP001692512	TC233LP32F200FACKXQMA1	PG-TQFP-100
SAK-TC233SP-32F200N AC	SP001689232	TC233SP32F200NACKXUMA1	PG-TQFP-100
SAK-TC233LP-16F200F AC	SP001682994	TC233LP16F200FACKXUMA1	PG-TQFP-100
SAK-TC233L-32F200F AC	SP001674224	TC233L32F200FACKXUMA1	PG-TQFP-100
SAK-TC233S-32F200N AC	SP001658270	TC233S32F200NACKXUMA1	PG-TQFP-100
SAL-TC233LP-32F200F AC	SP001658262	TC233LP32F200FACLXUMA1	PG-TQFP-100
SAL-TC233LP-32F200N AC	SP001658258	TC233LP32F200NACLXUMA1	PG-TQFP-100
SAL-TC233L-32F200F AC	SP001658252	TC233L32F200FACLXUMA1	PG-TQFP-100
SAL-TC223L-16F133N AC	SP001658240	TC223L16F133NACLXUMA1	PG-TQFP-100
SAK-TC223S-16F133F AC	SP001658234	TC223S16F133FACKXUMA1	PG-TQFP-100
SAK-TC223L-16F133F AC	SP001658232	TC223L16F133FACKXUMA1	PG-TQFP-100
SAK-TC223L-12F133F AC	SP001658230	TC223L12F133FACKXUMA1	PG-TQFP-100
SAL-TC213L-8F133N AC	SP001658228	TC213L8F133NACLXUMA1	PG-TQFP-100
SAK-TC213L-8F133F AC	SP001658222	TC213L8F133FACKXUMA1	PG-TQFP-100
SAK-TC213L-8F133N AC	SP001641922	TC213L8F133NACKXUMA1	PG-TQFP-100
SAK-TC233LP-32F200N AC	SP001641894	TC233LP32F200NACKXQMA1	PG-TQFP-100
SAK-TC233LP-16F200N AC	SP001627900	TC233LP16F200NACKXUMA1	PG-TQFP-100
SAK-TC223L-16F133N AC	SP001592698	TC223L16F133NACKXUMA1	PG-TQFP-100
SAK-TC233LC-24F133F AC	SP001584028	TC233LC24F133FACKXUMA1	PG-TQFP-100
SAK-TC233L-32F200N AC	SP001408138	TC233L32F200NACKXUMA1	PG-TQFP-100
SAK-TC233LP-32F200F AC	SP001399222	TC233LP32F200FACKXUMA1	PG-TQFP-100

SAK-TC233LP-32F200N AC	SP001397720	TC233LP32F200NACKXUMA1	PG-TQFP-100
SAK-TC223L-12F133F AB	SP001335944	TC223L12F133FABKXUMA1	PG-TQFP-100
SAK-TC223S-12F133F AB	SP001335940	TC223S12F133FABKXUMA1	PG-TQFP-100
SAK-TC223S-16F133F AB	SP001288594	TC223S16F133FABKXUMA1	PG-TQFP-100
SAL-TC223L-16F133F AB	SP001281284	TC223L16F133FABLXUMA1	PG-TQFP-100
SAL-TC233L-32F200F AB	SP001281240	TC233L32F200FABLXUMA1	PG-TQFP-100
SAL-TC233LP-32F200F AB	SP001281194	TC233LP32F200FABLXUMA1	PG-TQFP-100
SAK-TC233LC-24F133F AB	SP001270740	TC233LC24F133FABKXUMA1	PG-TQFP-100
SAK-TC233LP-16F200F AB	SP001270730	TC233LP16F200FABKXUMA1	PG-TQFP-100
SAK-TC233LP-32F200F AB	SP001268348	TC233LP32F200FABKXUMA1	PG-TQFP-100
SAK-TC233L-32F200F AB	SP001268346	TC233L32F200FABKXUMA1	PG-TQFP-100
SAK-TC223L-16F133F AB	SP001268340	TC223L16F133FABKXUMA1	PG-TQFP-100
SAK-TC213L-8F133F AB	SP001268338	TC213L8F133FABKXUMA1	PG-TQFP-100
SAK-TC213S-8F133F AB	SP001240244	TC213S8F133FABKXUMA1	PG-TQFP-100
SAK-TC233LP-32F200F AA	SP001193466	N.A.	PG-TQFP-100
SAK-TC265D-40F200W BB	SP005337974	TC265D40F200WBBKXUMA2	PG-LQFP-176
SAL-TC275TP-64F200W CA	SP001718430	TC275TP64F200WCALXUMA2	PG-LQFP-176
SAL-TC275TP-64F200W DC	SP001667660	TC275TP64F200WDCLXUMA1	PG-LQFP-176
SAK-TC275TC-64F200N DC	SP001667658	TC275TC64F200NDCKXUMA1	PG-LQFP-176
SAL-TC265D-40F200N BC	SP001662622	TC265D40F200NBCLXUMA1	PG-LQFP-176
SAK-TC275T-64F200W DC	SP001662592	TC275T64F200WDCKXUMA1	PG-LQFP-176
SAK-TC275T-64F200N DC	SP001651570	TC275T64F200NDCKXUMA1	PG-LQFP-176
SAL-TC275TP-64F200N DC	SP001644618	TC275TP64F200NDCLXUMA1	PG-LQFP-176
SAK-TC275TP-64F200N DC	SP001630432	TC275TP64F200NDCKXQMA1	PG-LQFP-176
SAK-TC275TC-64F200W DC	SP001611466	TC275TC64F200WDCKXUMA1	PG-LQFP-176
SAK-TC265DC-40F200W BC	SP001611464	TC265DC40F200WBCKXUMA1	PG-LQFP-176
SAK-TC265D-40F200W BC	SP001399216	TC265D40F200WBCKXUMA1	PG-LQFP-176
SAK-TC265D-40F200N BC	SP001397662	TC265D40F200NBCKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200N DC	SP001397622	TC275TP64F200NDCKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W DC	SP001366138	TC275TP64F200WDCKXUMA1	PG-LQFP-176
SAK-TC265DC-40F200W BB	SP001363114	TC265DC40F200WBBKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W CA	SP001332056	TC275TP64F200WCAKXQMA1	PG-LQFP-176
SAL-TC275T-64F200W DB	SP001270152	TC275T64F200WDBLXUMA1	PG-LQFP-176
SAL-TC265D-40F200W BB	SP001260192	TC265D40F200WBBLXUMA1	PG-LQFP-176
SAK-TC265D-40F200W BB	SP001257830	TC265D40F200WBBKXUMA1	PG-LQFP-176
SAL-TC275TP-64F200W CA	SP001256012	TC275TP64F200WCALXUMA1	PG-LQFP-176
SAL-TC275T-64F200W CA	SP001242868	TC275T64F200WCALXUMA1	PG-LQFP-176
SAK-TC275TC-64F200W CA	SP001217626	TC275TC64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275TC-64F200W DB	SP001217602	TC275TC64F200WDBKXUMA1	PG-LQFP-176
SAL-TC275TP-64F200W DB	SP001217598	TC275TP64F200WDBLXUMA1	PG-LQFP-176
SAK-TC275T-64F200W DB	SP001217592	TC275T64F200WDBKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W DB	SP001217586	TC275TP64F200WDBKXUMA1	PG-LQFP-176
SAK-TC275TF-64F200W DB	SP001217582	N.A.	PG-LQFP-176
SAK-TC265D-40F200W BA	SP001136356	N.A.	PG-LQFP-176
SAK-TC275T-64F200W CA	SP001106358	TC275T64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W CA	SP001105592	TC275TP64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W BC	SP001103370	TC275TP64F200WBCKXUMA1	PG-LQFP-176
SAK-TC275TE-64F200W BA	SP001061384	N.A.	PG-LQFP-176
SAK-TC275TU-64F200W BA	SP001061376	N.A.	PG-LQFP-176
SAK-TC265DE-40F200W AA	SP000988422	N.A.	PG-LQFP-176
SAK-TC265D-40F200W AB	SP000988418	N.A.	PG-LQFP-176
SAK-TC264DA-40F200N BC	SP001676270	TC264DA40F200NBCKXUMA2	PG-LQFP-144
SAK-TC264D-40F200N BC	SP001676268	TC264D40F200NBCKXUMA2	PG-LQFP-144
SAL-TC264D-40F200N BC	SP001662630	TC264D40F200NBCLXUMA1	PG-LQFP-144
SAK-TC264DC-40F200W BC	SP001611462	TC264DC40F200WBCKXUMA1	PG-LQFP-144
SAK-TC264DC-40F200W BB	SP001399740	TC264DC40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264DA-40F200W BC	SP001399218	TC264DA40F200WBCKXUMA1	PG-LQFP-144

SAK-TC264D-40F200W BC	SP001399214	TC264D40F200WBCKXUMA1	PG-LQFP-144
SAL-TC264D-40F200W BB	SP001260256	TC264D40F200WBBLXUMA1	PG-LQFP-144
SAK-TC264DA-40F200W BB	SP001257824	TC264DA40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264D-40F200W BB	SP001257822	TC264D40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264DE-40F200W BA	SP001135136	N.A.	PG-LQFP-144
SAK-TC264D-40F200W BA	SP001135132	N.A.	PG-LQFP-144
SAK-TC264DE-40F200W AA	SP000988416	N.A.	PG-LQFP-144
SAK-TC264DA-40F200W AA	SP000988412	N.A.	PG-LQFP-144
SAK-TC264D-40F200W AB	SP000988410	N.A.	PG-LQFP-144
SAL-TC299TP-128F300S BB	SP005349258	TC299TP128F300SBBLXUMA2	PG-LFBGA-516
SAL-TC299TP-128F300N BC	SP005349257	TC299TP128F300NBCLXUMA2	PG-LFBGA-516
SAK-TC299TP-128F300S BC	SP005349256	TC299TP128F300SBCKXUMA2	PG-LFBGA-516
SAK-TC299TP-128F300S BB	SP005349255	TC299TP128F300SBBKXUMA2	PG-LFBGA-516
SAK-TC299TP-128F300N BC	SP005349254	TC299TP128F300NBCKXUMA2	PG-LFBGA-516
SAK-TC299TX-128F300S BC	SP001662198	TC299TX128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299T-128F300S BC	SP001662172	TC299T128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TC-96F300S BC	SP001611508	TC299TC96F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300N BC	SP001604770	TC299TP128F300NBCKXUMA1	PG-LFBGA-516
SAK-TC299TX-128F300N BC	SP001397678	TC299TX128F300NBCKXUMA1	PG-LFBGA-516
SAL-TC299TP-128F300N BC	SP001397596	TC299TP128F300NBCLXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300S BC	SP001366090	TC299TP128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TC-96F300S BB	SP001265604	TC299TC96F300SBBKXUMA1	PG-LFBGA-516
SAK-TC299TX-128F300S BB	SP001265588	TC299TX128F300SBBKXUMA1	PG-LFBGA-516
SAL-TC299TP-128F300S BB	SP001260190	TC299TP128F300SBBLXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300S BB	SP001207664	TC299TP128F300SBBKXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300S AA	SP001001108	N.A.	PG-LFBGA-516
SAK-TC299TF-128F300S AA	SP001001106	N.A.	PG-LFBGA-516
SAK-TC277TP-64F200S DC	SP005345026	TC277TP64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP005345024	TC277TP64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200S DC	SP005345022	TC277TC64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP005345020	TC277TC64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC297TX-128F300S BC	SP005344536	TC297TX128F300SBCKXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP005344535	TC277TP64F200NDCKXQMA2	PG-LFBGA-292
SAK-TC297TT-128F300N BC	SP005337856	TC297TT128F300NBCKXUMA2	PG-LFBGA-292
SAK-TC297TX-128F300N BC	SP005337854	TC297TX128F300NBCKXUMA2	PG-LFBGA-292
SAK-TC297TY-128F300S BB	SP005337852	TC297TY128F300SBBKXUMA2	PG-LFBGA-292
SAK-TC297TX-128F300S BB	SP005337850	TC297TX128F300SBBKXUMA2	PG-LFBGA-292
SAK-TC297TA-64F300S BC	SP005337848	TC297TA64F300SBCKXUMA2	PG-LFBGA-292
SAK-TC297TA-128F300S BC	SP005337846	TC297TA128F300SBCKXUMA2	PG-LFBGA-292
SAK-TC297TA-128F300N BC	SP005337844	TC297TA128F300NBCKXUMA2	PG-LFBGA-292
SAK-TC297TA-64F300S BB	SP005337842	TC297TA64F300SBBKXUMA2	PG-LFBGA-292
SAK-TC297TA-128F300S BB	SP005337840	TC297TA128F300SBBKXUMA2	PG-LFBGA-292
SAL-TC277TP-64F200N DC	SP005337838	TC277TP64F200NDCLXUMA2	PG-LFBGA-292
SAL-TC277TP-64F200S DB	SP005337836	TC277TP64F200SDBLXUMA2	PG-LFBGA-292
SAL-TC277T-64F200S DC	SP005337818	TC277T64F200SDCLXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP005337810	TC277TP64F200NDCKXUMA3	PG-LFBGA-292
SAK-TC277TP-64F200S DC	SP005337808	TC277TP64F200SDCKXUMA3	PG-LFBGA-292
SAK-TC277TP-64F200S DB	SP005337806	TC277TP64F200SDBKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP005337804	TC277TC64F200NDCKXUMA3	PG-LFBGA-292
SAK-TC277TC-64F200S DC	SP005337800	TC277TC64F200SDCKXUMA3	PG-LFBGA-292
SAK-TC277TC-64F200S DB	SP005337798	TC277TC64F200SDBKXUMA2	PG-LFBGA-292
SAK-TC277T-64F200N DC	SP005337796	TC277T64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC277T-64F200S DC	SP005337794	TC277T64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC277T-64F200S DB	SP005337792	TC277T64F200SDBKXUMA2	PG-LFBGA-292
SAL-TC277T-64F200S DB	SP005337790	TC277T64F200SDBLXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP003475204	TC277TP64F200NDCKXQMA1	PG-LFBGA-292
SAK-TC297TT-128F300N BC	SP001789674	TC297TT128F300NBCKXUMA1	PG-LFBGA-292

SAL-TC237L-32F200S AC	SP001720696	TC237L32F200SACLXUMA1	PG-LFBGA-292
SAL-TC267D-40F200N BC	SP001717966	TC267D40F200NBCLXUMA1	PG-LFBGA-292
SAK-TC297T-96F300N BC	SP001684616	TC297T96F300NBCKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP001667664	TC277TC64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200N DC	SP001665660	TC277T64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC267D-40F200S BC	SP001662612	TC267D40F200SBCKXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S DC	SP001662602	TC277T64F200SDCLXUMA1	PG-LFBGA-292
SAL-TC277TP-64F200N DC	SP001662598	TC277TP64F200NDCLXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S DC	SP001662590	TC277T64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC297TA-64F300S BC	SP001662210	TC297TA64F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300S BC	SP001662208	TC297TA128F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300S BC	SP001662196	TC297TX128F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TP-96F300N BC	SP001662190	TC297TP96F300NBCKXUMA1	PG-LFBGA-292
SAL-TC237LP-32F200S AC	SP001658288	TC237LP32F200SACLXUMA1	PG-LFBGA-292
SAK-TC237L-32F200S AC	SP001658282	TC237L32F200SACKXUMA1	PG-LFBGA-292
SAL-TC237LP-32F200N AC	SP001634936	TC237LP32F200NACLXUMA1	PG-LFBGA-292
SAK-TC297TC-96F300S BC	SP001611504	TC297TC96F300SBCKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S DC	SP001611468	TC277TC64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC267D-40F200N BC	SP001592934	TC267D40F200NBCKXUMA1	PG-LFBGA-292
SAK-TC237LP-32F200S AC	SP001399220	TC237LP32F200SACKXUMA1	PG-LFBGA-292
SAK-TC237LP-32F200N AC	SP001397698	TC237LP32F200NACKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300N BC	SP001397674	TC297TX128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300N BC	SP001397668	TC297TA128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP001397616	TC277TP64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300N BC	SP001396392	TC297TP128F300NBCKXUMA1	PG-LFBGA-292
SAL-TC267D-40F200S BB	SP001386934	TC267D40F200SBBLXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S DC	SP001366136	TC277TP64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300S BC	SP001366094	TC297TP128F300SBCKXUMA1	PG-LFBGA-292
SAL-TC237LP-32F200S AB	SP001281212	TC237LP32F200SABLXUMA1	PG-LFBGA-292
SAL-TC237L-32F200S AB	SP001281206	TC237L32F200SABLXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S DB	SP001270154	TC277T64F200SDBLXUMA1	PG-LFBGA-292
SAK-TC267D-40F200S BB	SP001270092	TC267D40F200SBBKXUMA1	PG-LFBGA-292
SAK-TC237LP-32F200S AB	SP001268356	TC237LP32F200SABKXUMA1	PG-LFBGA-292
SAK-TC237L-32F200S AB	SP001268354	TC237L32F200SABKXUMA1	PG-LFBGA-292
SAK-TC297T-96F300S BB	SP001265616	TC297T96F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TC-96F300S BB	SP001265598	TC297TC96F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297T-128F300S BB	SP001265596	TC297T128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TY-128F300S BB	SP001265594	TC297TY128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300S BB	SP001265592	TC297TX128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TA-64F300S BB	SP001265584	TC297TA64F300SBBKXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S CA	SP001256016	TC277T64F200SCALXUMA1	PG-LFBGA-292
SAK-TC277TF-64F200S DB	SP001241308	N.A.	PG-LFBGA-292
SAL-TC277TP-64F200S DB	SP001217642	TC277TP64F200SDBLXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S DB	SP001217638	TC277TC64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S CA	SP001217636	TC277TC64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S DB	SP001217634	TC277TP64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S DB	SP001217632	TC277T64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300S BB	SP001207656	TC297TP128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC267D-40F200S BA	SP001203878	N.A.	PG-LFBGA-292
SAK-TC277TP-64F200S CA	SP001146098	TC277TP64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S CA	SP001146094	TC277T64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300S BB	SP001130460	TC297TA128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S BC	SP001103396	TC277TP64F200SBCKXUMA1	PG-LFBGA-292
SAK-TC277TE-64F200S BA	SP001061404	N.A.	PG-LFBGA-292
SAK-TC277TU-64F200S BA	SP001061402	N.A.	PG-LFBGA-292
SAK-TC297TF-128F300S AA	SP001001104	N.A.	PG-LFBGA-292
SAK-TC297TP-96F300S BB	SP001001102	TC297TP96F300SBBKXUMA1	PG-LFBGA-292

SAK-TC297TP-128F300S AA	SP001001098	N.A.	PG-LFBGA-292
SAL-TC298TP-128F300L BB	SP003645174	TC298TP128F300LBBLXUMA2	PG-BGA-416
SAL-TC298TP-128F300N BC	SP003384092	TC298TP128F300NBCLXUMA2	PG-BGA-416
SAL-TC298TP-128F300N BC	SP001397604	TC298TP128F300NBCLXUMA1	PG-BGA-416
SAL-TC298TP-128F300L BB	SP001207660	TC298TP128F300LBBLXUMA1	PG-BGA-416
SAK-TC298TP-128F300L AA	SP001001090	N.A.	PG-BGA-416
SAK-TC298TF-128F300L AA	SP001001088	N.A.	PG-BGA-416