

Dear Customer,

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

Early Problem Notification GTM_AI.348 affecting DPLL operation in GTM module of dedicated TC3xx and TC2xx Microcontrollers

N° 027/20

Early Problem Notification GTM_AI.348 affecting DPLL operation in GTM module of dedicated TC3xx and TC2xx Microcontrollers

► **Products affected:**

Please refer to attached affected product list 1_cip02720

► **Detailed Change Information:**

Subject: Early Problem Notification GTM_AI.348 affecting DPLL operation in GTM module of dedicated TC3xx and TC2xx Microcontrollers

Reason: Functional Problems, Application Hints, Documentation Updates

Description:

Old

- Not applicable (no previous release)

New

- Early Problem Notification GTM_AI_348_EPN_v1_0 (first release)

► **Product Identification:**

Not applicable (no change of product)

► **Impact of Change:**

Assessment in Application required !

► **Attachments:**

Affected product list: 1_cip02720
GTM_AI_348_EPN_v1_0: 4_cip02720

► **Intended start of delivery:**

Not applicable

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

INF N°027/20

Early Problem Notification GTM_AI.348 affecting DPLL operation in GTM module of dedicated TC3xx and TC2xx Microcontrollers



Sales Name	SP number	OPN	Package
SAK-TC264D-40F200N BC	SP001676268	TC264D40F200NBCKXUMA2	PG-LQFP-144
SAK-TC264D-40F200W BB	SP001257822	TC264D40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264D-40F200W BC	SP001399214	TC264D40F200WBCKXUMA1	PG-LQFP-144
SAK-TC264DA-40F200N BC	SP001676270	TC264DA40F200NBCKXUMA2	PG-LQFP-144
SAK-TC264DA-40F200W BB	SP001257824	TC264DA40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264DA-40F200W BC	SP001399218	TC264DA40F200WBCKXUMA1	PG-LQFP-144
SAK-TC264DC-40F200W BB	SP001399740	TC264DC40F200WBBKXUMA1	PG-LQFP-144
SAK-TC264DC-40F200W BC	SP001611462	TC264DC40F200WBCKXUMA1	PG-LQFP-144
SAK-TC265D-40F200N BC	SP001397662	TC265D40F200NBCKXUMA1	PG-LQFP-176
SAK-TC265D-40F200W BB	SP001257830	TC265D40F200WBBKXUMA1	PG-LQFP-176
SAK-TC265D-40F200W BB	SP005337974	TC265D40F200WBBKXUMA2	PG-LQFP-176
SAK-TC265D-40F200W BC	SP001399216	TC265D40F200WBCKXUMA1	PG-LQFP-176
SAK-TC265DC-40F200W BB	SP001363114	TC265DC40F200WBBKXUMA1	PG-LQFP-176
SAK-TC265DC-40F200W BC	SP001611464	TC265DC40F200WBCKXUMA1	PG-LQFP-176
SAK-TC267D-40F200N BC	SP001592934	TC267D40F200NBCKXUMA1	PG-LFBGA-292
SAK-TC267D-40F200S BB	SP001270092	TC267D40F200SBBKXUMA1	PG-LFBGA-292
SAK-TC267D-40F200S BC	SP001662612	TC267D40F200SBCKXUMA1	PG-LFBGA-292
SAK-TC275T-64F200N DC	SP001651570	TC275T64F200NDCKXUMA1	PG-LQFP-176
SAK-TC275T-64F200W CA	SP001106358	TC275T64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275T-64F200W DB	SP001217592	TC275T64F200WDBKXUMA1	PG-LQFP-176
SAK-TC275T-64F200W DC	SP001662592	TC275T64F200WDCKXUMA1	PG-LQFP-176
SAK-TC275TC-64F200N DC	SP001667658	TC275TC64F200NDCKXUMA1	PG-LQFP-176
SAK-TC275TC-64F200W CA	SP001217626	TC275TC64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275TC-64F200W DB	SP001217602	TC275TC64F200WDBKXUMA1	PG-LQFP-176
SAK-TC275TC-64F200W DC	SP001611466	TC275TC64F200WDCKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200N DC	SP001397622	TC275TP64F200NDCKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200N DC	SP001630432	TC275TP64F200NDCKXQMA1	PG-LQFP-176
SAK-TC275TP-64F200W BC	SP001103370	TC275TP64F200WBCKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W CA	SP001105592	TC275TP64F200WCAKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W CA	SP001332056	TC275TP64F200WCAKXQMA1	PG-LQFP-176
SAK-TC275TP-64F200W DB	SP001217586	TC275TP64F200WDBKXUMA1	PG-LQFP-176
SAK-TC275TP-64F200W DC	SP001366138	TC275TP64F200WDCKXUMA1	PG-LQFP-176
SAK-TC277T-64F200N DC	SP001665660	TC277T64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200N DC	SP005337796	TC277T64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC277T-64F200S CA	SP001146094	TC277T64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S DB	SP001217632	TC277T64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S DB	SP005337792	TC277T64F200SDBKXUMA2	PG-LFBGA-292
SAK-TC277T-64F200S DC	SP001662590	TC277T64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC277T-64F200S DC	SP005337794	TC277T64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP001667664	TC277TC64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP005337804	TC277TC64F200NDCKXUMA3	PG-LFBGA-292
SAK-TC277TC-64F200N DC	SP005345020	TC277TC64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200S CA	SP001217636	TC277TC64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S DB	SP001217638	TC277TC64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S DB	SP005337798	TC277TC64F200SDBKXUMA2	PG-LFBGA-292
SAK-TC277TC-64F200S DC	SP001611468	TC277TC64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC277TC-64F200S DC	SP005337800	TC277TC64F200SDCKXUMA3	PG-LFBGA-292

SAK-TC277TC-64F200S DC	SP005345022	TC277TC64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP001397616	TC277TP64F200NDCKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP003475204	TC277TP64F200NDCKXQMA1	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP005337810	TC277TP64F200NDCKXUMA3	PG-LFBGA-292
SAK-TC277TP-64F200N DC	SP005345024	TC277TP64F200NDCKXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200S BC	SP001103396	TC277TP64F200SBCKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S CA	SP001146098	TC277TP64F200SCAKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S DB	SP001217634	TC277TP64F200SDBKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S DB	SP005337806	TC277TP64F200SDBKXUMA2	PG-LFBGA-292
SAK-TC277TP-64F200S DB	SP005403731	TC277TP64F200SDBKXUMA3	PG-LFBGA-292
SAK-TC277TP-64F200S DC	SP001366136	TC277TP64F200SDCKXUMA1	PG-LFBGA-292
SAK-TC277TP-64F200S DC	SP005337808	TC277TP64F200SDCKXUMA3	PG-LFBGA-292
SAK-TC277TP-64F200S DC	SP005345026	TC277TP64F200SDCKXUMA2	PG-LFBGA-292
SAK-TC297T-128F300S BB	SP001265596	TC297T128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297T-96F300N BC	SP001684616	TC297T96F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297T-96F300S BB	SP001265616	TC297T96F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300N BC	SP001397668	TC297TA128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300N BC	SP005337844	TC297TA128F300NBCKXUMA2	PG-LFBGA-292
SAK-TC297TA-128F300S BB	SP001130460	TC297TA128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TA-128F300S BC	SP001662208	TC297TA128F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TA-64F300S BB	SP001265584	TC297TA64F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TA-64F300S BC	SP001662210	TC297TA64F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TC-96F300S BB	SP001265598	TC297TC96F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TC-96F300S BC	SP001611504	TC297TC96F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300N BC	SP001396392	TC297TP128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300S BB	SP001207656	TC297TP128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TP-128F300S BC	SP001366094	TC297TP128F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TP-96F300N BC	SP001662190	TC297TP96F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TP-96F300S BB	SP001001102	TC297TP96F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TT-128F300N BC	SP001789674	TC297TT128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300N BC	SP001397674	TC297TX128F300NBCKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300S BB	SP001265592	TC297TX128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC297TX-128F300S BB	SP005337850	TC297TX128F300SBBKXUMA2	PG-LFBGA-292
SAK-TC297TX-128F300S BC	SP001662196	TC297TX128F300SBCKXUMA1	PG-LFBGA-292
SAK-TC297TY-128F300S BB	SP001265594	TC297TY128F300SBBKXUMA1	PG-LFBGA-292
SAK-TC299T-128F300S BC	SP001662172	TC299T128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TC-96F300S BB	SP001265604	TC299TC96F300SBBKXUMA1	PG-LFBGA-516
SAK-TC299TC-96F300S BC	SP001611508	TC299TC96F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300N BC	SP001604770	TC299TP128F300NBCKXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300S BB	SP001207664	TC299TP128F300SBBKXUMA1	PG-LFBGA-516
SAK-TC299TP-128F300S BC	SP001366090	TC299TP128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC299TX-128F300N BC	SP001397678	TC299TX128F300NBCKXUMA1	PG-LFBGA-516
SAK-TC299TX-128F300S BB	SP001265588	TC299TX128F300SBBKXUMA1	PG-LFBGA-516
SAK-TC299TX-128F300S BC	SP001662198	TC299TX128F300SBCKXUMA1	PG-LFBGA-516
SAK-TC377TX-96F300S AB	SP004950416	TC377TX96F300SABKXUMA1	PG-LFBGA-292
SAK-TC387QP-160F300S AD	SP002921224	TC387QP160F300SADKXUMA1	PG-LFBGA-292
SAK-TC387QP-160F300S AE	SP005351247	TC387QP160F300SAEKXUMA1	PG-LFBGA-292
SAK-TC387TP-128F300S AD	SP002921230	TC387TP128F300SADKXUMA1	PG-LFBGA-292
SAK-TC387TP-160F300S AD	SP002921232	TC387TP160F300SADKXUMA1	PG-LFBGA-292
SAK-TC389QP-160F300S AD	SP002921222	TC389QP160F300SADKXUMA1	PG-FBGA-516
SAK-TC389QP-160F300S AE	SP005351252	TC389QP160F300SAEKXUMA1	PG-FBGA-516
SAK-TC397QA-160F300S BC	SP002739588	TC397QA160F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397QP-192F300S BC	SP002739602	TC397QP192F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397QP-256F300S BC	SP002739604	TC397QP256F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397TT-256F300S BC	SP002739608	TC397TT256F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397XA-256F300S BC	SP002739594	TC397XA256F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397XP-256F300S BC	SP002739600	TC397XP256F300SBCKXUMA1	PG-LFBGA-292

SAK-TC397XX-256F300S BC	SP002725526	TC397XX256F300SBCKXUMA1	PG-LFBGA-292
SAK-TC397XZ-256F300S BC	SP002739606	TC397XZ256F300SBCKXUMA1	PG-LFBGA-292
SAK-TC399XP-256F300S BC	SP002725524	TC399XP256F300SBCKXUMA1	PG-LFBGA-516
SAK-TC399XX-256F300S BC	SP002725518	TC399XX256F300SBCKXUMA1	PG-LFBGA-516
SAL-TC264D-40F200N BC	SP001662630	TC264D40F200NBCLXUMA1	PG-LQFP-144
SAL-TC264D-40F200W BB	SP001260256	TC264D40F200WBBLXUMA1	PG-LQFP-144
SAL-TC265D-40F200N BC	SP001662622	TC265D40F200NBCLXUMA1	PG-LQFP-176
SAL-TC265D-40F200W BB	SP001260192	TC265D40F200WBBLXUMA1	PG-LQFP-176
SAL-TC267D-40F200N BC	SP001717966	TC267D40F200NBCLXUMA1	PG-LFBGA-292
SAL-TC267D-40F200S BB	SP001386934	TC267D40F200SBBLXUMA1	PG-LFBGA-292
SAL-TC270TP-64F200 DB	SP001217576	TC270TP64F200DBLX2SA1	S-BDWBT-1
SAL-TC270TP-64F200N DC	SP001397628	TC270TP64F200NDCLX2SA1	S-BDWBT-1
SAL-TC275T-64F200W CA	SP001242868	TC275T64F200WCALXUMA1	PG-LQFP-176
SAL-TC275T-64F200W DB	SP001270152	TC275T64F200WDBLXUMA1	PG-LQFP-176
SAL-TC275TP-64F200N DC	SP001644618	TC275TP64F200NDCLXUMA1	PG-LQFP-176
SAL-TC275TP-64F200W CA	SP001256012	TC275TP64F200WCALXUMA1	PG-LQFP-176
SAL-TC275TP-64F200W CA	SP001718430	TC275TP64F200WCALXUMA2	PG-LQFP-176
SAL-TC275TP-64F200W DB	SP001217598	TC275TP64F200WDBLXUMA1	PG-LQFP-176
SAL-TC275TP-64F200W DC	SP001667660	TC275TP64F200WDCLXUMA1	PG-LQFP-176
SAL-TC277T-64F200S CA	SP001256016	TC277T64F200SCALXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S DB	SP001270154	TC277T64F200SDBLXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S DB	SP005337790	TC277T64F200SDBLXUMA2	PG-LFBGA-292
SAL-TC277T-64F200S DC	SP001662602	TC277T64F200SDCLXUMA1	PG-LFBGA-292
SAL-TC277T-64F200S DC	SP005337818	TC277T64F200SDCLXUMA2	PG-LFBGA-292
SAL-TC277TP-64F200N DC	SP001662598	TC277TP64F200NDCLXUMA1	PG-LFBGA-292
SAL-TC277TP-64F200N DC	SP005337838	TC277TP64F200NDCLXUMA2	PG-LFBGA-292
SAL-TC277TP-64F200S DB	SP001217642	TC277TP64F200SDBLXUMA1	PG-LFBGA-292
SAL-TC277TP-64F200S DB	SP005337836	TC277TP64F200SDBLXUMA2	PG-LFBGA-292
SAL-TC298TP-128F300L BB	SP001207660	TC298TP128F300LBBLXUMA1	PG-BGA-416
SAL-TC298TP-128F300L BB	SP003645174	TC298TP128F300LBBLXUMA2	PG-BGA-416
SAL-TC298TP-128F300L BB	SP005354203	TC298TP128F300LBBLXUMA3	PG-BGA-416
SAL-TC298TP-128F300N BC	SP001397604	TC298TP128F300NBCLXUMA1	PG-BGA-416
SAL-TC298TP-128F300N BC	SP003384092	TC298TP128F300NBCLXUMA2	PG-BGA-416
SAL-TC298TP-128F300N BC	SP005354204	TC298TP128F300NBCLXUMA3	PG-BGA-416
SAL-TC299TP-128F300N BC	SP001397596	TC299TP128F300NBCLXUMA1	PG-LFBGA-516
SAL-TC299TP-128F300S BB	SP001260190	TC299TP128F300SBBLXUMA1	PG-LFBGA-516
SAL-TC377TP-96F300S AA	SP001724092	TC377TP96F300SAALXUMA1	PG-LFBGA-292
SAL-TC377TX-96F300S AB	SP004950414	TC377TX96F300SABLXUMA1	PG-LFBGA-292
SAL-TC387QP-160F300S AD	SP002921220	TC387QP160F300SADLXUMA1	PG-LFBGA-292
SAL-TC387TP-128F300S AD	SP003021930	TC387TP128F300SADLXUMA1	PG-LFBGA-292
SAL-TC387TP-160F300S AD	SP002921234	TC387TP160F300SADLXUMA1	PG-LFBGA-292
SAL-TC389QP-160F300S AD	SP002921216	TC389QP160F300SADLXUMA1	PG-FBGA-516
SAL-TC397XP-256F300S BC	SP002725522	TC397XP256F300SBCLXUMA1	PG-LFBGA-292
SAL-TC399XP-256F300S BC	SP002725520	TC399XP256F300SBCLXUMA1	PG-LFBGA-516
SAL-TC399XX-256F300S BC	SP002725508	TC399XX256F300SBCLXUMA1	PG-LFBGA-516