Release of the Z8F6482 New Revision Series

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Subject: Release of the Z8F6482 New Revision

Dear Valued Customer and/or Distributor

Zilog has released a New Revision of the Z8F6482 series

The following errata items have been fixed on the new revision:

Previous Revision Errata
SPI0 slave always drives MISO0 on PC1
ANA3 not available when SPI0 Master is enabled
WDT Reset occasionally missed or causes device hang
RTC alarms occasionally missed
Failure to power up
PD1 Data out forced to Zero

The new revision intentionally has the following new behavior:

New Revision Errata
FLL enabled at Reset

Please refer to the following for more details regarding the previous & new revision

UP0138 (Errata) : https://www.zilog.com/docs/UP0138.pdf

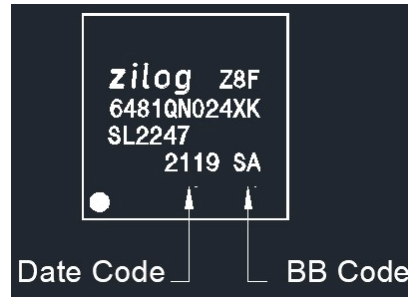PS0294 (Product Specification) : https://www.zilog.com/docs/PS0294.pdf

The change will take effect starting from date code 2123. However, during the transition period, there are also parts from date codes 2119 to 2122 that are affected by this change (New Revision). The New Revision can be identified on last line of top mark. Refer to the lot traceability codes table on next page to identify New Revision material.

ZAC21-0051   *Zilog Authorized Distribution*

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Please refer to the following for the New Revision Date and BB Codes only table. All other Date and BB codes that **are not** identified in the table between date codes 2119 and 2122 are previous revision material.

Date BB Code	Date BB Code	Date BB Code
2119 SA	2120 T5	2121 SH
2119 SB	2120 T7	2121 SJ
2119 SC	2120 T8	2121 UA
2119 SD	2120 T9	2121 UB
2119 SE	2120 TP	2121 UC
2119 SM	2120 TQ	2121 UD
2119 SN	2120 TR	2121 UE
2119 SP	2120 TS	2121 UF
2119 SQ	2120 TT	2121 UG
2119 SR	2120 TU	2121 UH
2119 SS	2120 TV	2121 UJ
2119 ST	2120 TW	2121 UK
2120 S2	2120 TX	2121 UL
2120 SX	2120 TY	2121 UM
2120 SY	2120 TZ	2121 UN
2120 SZ	2121 SD	2122 SK
2120 T2	2121 SE	2122 SL
2120 T3	2121 SF	
2120 T4	2121 SG	

Top Mark Diagram noting the location of the Date and BB Codes

Please Note: Development and programming tools have been updated to support this new revision. Please download the latest version from: www.zilog.com.

For any questions, or need additional assistance, please contact csr@zilog.com.

Sincerely,

PSI	PKG/LD
Z8F1681AN024XK	LQFP/44LD
Z8F1681AN024XK2247	LQFP/44LD
Z8F1681AR024XK	LQFP/64LD
Z8F1681QK024XK	QFN/32LD
Z8F1681QK024XK2247	QFN/32LD
Z8F1681QN024XK	QFN/44LD
Z8F1681QN024XK2247	QFN/44LD
Z8F1682AR024XK	LQFP/64LD
Z8F1682AT024XK	LQFP/80LD
Z8F3281AN024XK	LQFP/44LD
Z8F3281AR024XK	LQFP/64LD
Z8F3281QK024XK	QFN/32LD
Z8F3281QN024XK	QFN/44LD
Z8F3282AR024XK	LQFP/64LD
Z8F3282AT024XK	LQFP/80LD
Z8F6081AN024XK	LQFP/44LD
Z8F6081AR024XK	LQFP/64LD
Z8F6081QK024XK	QFN/32LD
Z8F6081QN024XK	QFN/44LD
Z8F6082AR024XK	LQFP/64LD
Z8F6082AT024XK	LQFP/80LD
Z8F6481AN024XK	LQFP/44LD
Z8F6481AN024XK2247	LQFP/44LD
Z8F6481AR024XK	LQFP/64LD
Z8F6481QK024XK	QFN/32LD
Z8F6481QN024XK	QFN/44LD
Z8F6481QN024XK2247	QFN/44LD
Z8F6482AR024XK	LQFP/64LD
Z8F6482AT024XK	LQFP/80LD