

Microsemi Corporation
May 18, 2018

Customer Notification No: 098-406201-97

Rev.1

(Field Service Bulletin)

Customer Advisory Notice (CAN)

System: N/A

Product Identity: List provided below

Product Code(s): List provided below

CLEI Code: N/A

Subject: GPS week number Rollover event April 7, 2019

Summary

This FSB is to provide information on the GPS week number rollover event that will occur on April 7th, 2019 for current products listed below. This is with reference to the current software release for each of the products.

For the products listed in Table 1, these active products have been verified that there is no effect to system date from the April 7th, 2019 GPS week number rollover event. These products have an internal rollover event which will occur in the year shown in the table. After the internal rollover event occurs the system date will be incorrect.

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Table 1 Active Products

Product Line	Descriptions	Affected Part Numbers	Internal Rollover Date	Notes
Timesource	TimeSource 3x50	090-72015-01 090-72055-01	2029	
TimeProvider 1000	TimeProvider 1000/TP1100	090-58545-01	9/18/2022	
SSU 2000	SSU2000 GPS card	23413019-000-0	2027	
	SSU2000 GNSS card	23413019-001-0	2026	
TimeProvider 5000	TP5000 IMC Card w/GPS & GPS/Beidou & exp cntl	090-50331-04	9/18/2022	GPS input
			2030	Beidou input
	TP5000 IMC CARD W/GPS & GNSS & EXP CNTL	090-50331-06	9/18/2022	GPS input
			2033	GNSS input
	TP5000 IMC CARD W/GNSS & EXP CNTL	090-50331-07	2033	
TimeProvider 2700	TimeProvider 2700	090-50201-xxx	2029	
IGM	IGM 1100i	090-110xx-xxx	2031	
	IGM1100x			
	IGM1100o			
SyncServer 6xx	SyncServer 6xx	090-15200-6xx	2031	
Bus	BC637PCI T&F Processor	BC637PCI-V2	2029	
		BC637PCIE		
		BC637PCIE-OCXO		

For the products listed in Table 2, These discontinued products are not affected by the April 7th, 2019 GPS rollover event. They have an internal rollover event which will occur in the year shown in table 2. After the internal rollover event occurs the system date will be incorrect.

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Table 2 Discontinued Products

Product Line	Descriptions	Affected Part Numbers	Internal Rollover Date	Notes
Timesource	TS3x00	090-72010-0x 090-72020-0x 090-72050-0x 090-72060-0x	10/21/2018	reference FSB 098-40621-95 for recommended action
TimeProvider 5000	TP 5000 IMC Card w/ Integrated GPS	090-50331-01	9/18/2022	
	TP5000 IMC Card w/integrated GPS & exp cntl	090-50331-02	9/18/2022	
	TP5000 IMC Card w/dual GPS & exp cntl	090-50331-05	9/18/2022 2030	GPS input GNSS input
TP100	TP100 MODULE	090-95000-01	9/18/2022	
SyncServer	SyncServer 100	1520R-S100 (-xx)	9/18/2022	
	SyncServer 200/250	1520-S200 (-xx) 1520R-S200 (-xx) 1520-S250 (-xx) 1520R-S250 (-xx)	9/18/2022	
	SyncServer 300/350	1520-S300 (-xx) 1520R-S300 (-xx) 1520-S350 (-xx) 1520R-S350 (-xx)	9/18/2022	
GPS receivers	XL GPS	1530-602-1	2026	
	XLi w/gps receiver	1510-6x2-xxx	9/18/2022 4/7/2019	with GPS option module 87-8028-2 (Use Function 119 to verify receiver card) with GPS option module 86-8013 (Use Function 119 to verify receiver card)

For the products listed in Table 3, These are Obsolete and unsupported products not affected by the April 7th, 2019 GPS rollover event. Internal rollover is unknown for some. Please refer to note column.

Table 3 Obsolete Products

Product Line	Descriptions	Part Numbers	Internal Rollover Date	Notes
Bus Cards	Time & Freq proc	bc11603-3001	unk	If brought to last released EEPROM version per FSB 098-50620-77
		TTM637V/ME-xxxx	unk	If brought to last released EEPROM version per FSB 098-50620-76
		BC637PCI-U	unk	If updated to version 14 per FSB 098-50620-036
GPS receivers	XL AK	XL-AK_151-60x	unk	Need to set Function 68 w/correct(2011) year info
	XL-DC	XI-DC_151-6x2	unk	Need to set Function 68 w/correct(2011) year info
	ET60x0	ET60x0	unk	
	56000 Data Rate Clock	56K_560-5308-x	unk	
	TS2100-xxxx	TS2100	2015	Rolled in 2015 reference - FSB 098-50620-81
OEM Module	GPS Timing Antenna	58534A	9/16/2018	product shipped through 2004
		58534-H01	9/18/2022	product shipped from 2005

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