WOODWARD

Product Change Notification 06960
(Revision C, July 2024)

MicroNet™ CPU 5200 Module Status

Product Information

The MicroNet CPU5200 was introduced in 2005 for the MicroNet Plus and in 2009 for the TMR. This CPU has had only minimal hardware changes; however, there have been several upgrades to FPGA code and firmware causing the top-level part numbers to change due to coder compatibility. These upgrades are necessary to add features, to update the RTOS, and to create new functionality.

Active CPU5200 Modules

Part Number	Usage	Coder	RTN	Current Status	Non-Preferred	Inactive
5466-1035	Plus	4.06 to 5.04	5466-1036	Non-Preferred	2015	2028
5466-1045	Plus Cyber	5.03-0 to 5.04-0, 6.00+	5466-1046	Inactive	2015	2021
5466-1047	TMR & 5009	5.04-5.08	5466-1036	Non-Preferred	2020	2028
5466-1145	Plus Cyber	6.00-4+, MicroNet 1.0x+	5466-1146	Non-Preferred	2021	2027
5466-1245	Plus	6.00-4+,Micronet 1.0x+	5466-1246	Non-Preferred	2021	2027
5466-1247	TMR	TMR 1.00+	5466-1246	Preferred	2028	2032
5466-1347	TMR & 5009	TMR 1.01+	5466-1246	Preferred	2032	2037

Note 1: Non-preferred means not intended for new system installations. Unit remains fully supported for spare units and repairs.

Note 2: Inactive means that the module can no longer be produced. Typically, this is because of component obsolescence. Repairs and exchange units are supported if feasible (typically 5+ years after inactivation).

Note 3: 5466-1045 was inactivated early due to VxWorks cybersecurity issue “Urgent 11.” Customers with -1045 CPUs may upgrade their CPU to 5466-1145 or 5466-1245 without charge.

Note 4: CPU5200s manufactured after 2011 can be updated by Woodward to the current revision. Contact Woodward for more information. You will be asked to provide the CPU serial numbers.

Note 5: The future dates shown above are approximate based on Woodward’s current information on component obsolescence and planned component usage rates. The dates cannot be guaranteed due to the potential for unexpected obsolescence issues to occur.

Note 6: MicroNet Security manual 26479 provides information for applying MicroNet systems in cybersecurity-critical environments.

MicroNet Family Statement

With thousands of installed units, Woodward's premier turbine control product for triple redundant, redundant, and simplex applications is extremely important to us.

Woodward continues to invest heavily in the product line to ensure its market success and longevity. Woodward plans to extend the production life of the current platform and introduce paths to upgrade installations to new technologies lasting beyond the timelines of specific modules.

Customer Action

Use only **preferred** versions for new installations. **Non-Preferred** versions remain active to support spare parts production for customers with existing systems. The current preferred options are 5466-1511 and -1521 for MicroNet Plus, and 5466-1247 and -1347 for MicroNet TMR.

For additional information and support:

1. Contact your local Woodward representative and/or turbine OEM.
2. Woodward contact and business partner information can be obtained at **www.woodward.com**.
3. Technical assistance can be obtained by:
   a. Searching for a local contact at **www.woodward.com/directory**
   b. Call or email the Woodward Turbine Help Desk:
      1-970-498-3095
      TurbineHelpDesk@woodward.com

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Complete address / phone / fax / email information for all locations is available on our website.