

MicroNet™ 040/060 CPU Module Obsolescence

Product Change / Improvement

As previously announced, the MicroNet™ 040/060 CPU Modules, the associated TMR Kernel Power Supply, the Transceiver modules, and the Serial VFD Two-line Display will be inactivated by 30 July 2015. Woodward is offering a last-time buy for any OEM or user who needs to stock additional spares of the 040/060 CPUs or related modules. Repair services will be available up to 5 years after module inactivation, depending on component availability. Please see the Obsolete Modules section below for the affected item numbers.

Description

The CPU 040/060 Modules were used as the main processor for NetCon™/MicroNet platforms until the early 2000's, and on the 040 TMR product line until 2009. This functionality has been replaced by newer CPUs, and the old designs are no longer feasible to produce due to component obsolescence. The item numbers of the replacement products are listed below.

Converting a NetCon system to the new CPUs will require application software updates, Chassis replacement, Power Supply replacement, and may require I/O module updates. See MicroNet Plus product specification 03333 and product manuals 26166V1 & 26166V2 for information on the replacement modules.

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TMR systems will require replacement of all of the CPUs and Kernel Power Supplies and may require I/O module updates. See product specification 03363 and product manuals 26167V1 & B26167V2 for information on replacement modules. See the 5009FT Upgrade Kit manual 26593 for instructions on upgrading these systems.

Conversion to the new CPUs makes available a new suite of software service tools (see product manual 26336).

All last-time-buy orders must be received by Woodward by 30 July 2015.

Obsolete Modules

Item Number	CPU Assembly w/ Application Software	Description
5466-350		MODULE - NETCON CPU_060
5466-351		MODULE - NETCON CPU_040 WITH LL MEMORY
5466-352-ESS		MODULE - NETCON CPU_040 W/O LL MEMORY - ESS TESTED
5466-352	5464-823	MODULE - NETCON CPU_040 W/O LL MEMORY
	5466-360	MODULE - MASTER CPU
	5466-361	MODULE - MASTER CPU
	5466-364	MODULE - MASTER CPU
	5466-365	MODULE - MASTER CPU
	5501-458	MODULE - 5009 CPU

Item Number	CPU Assembly w/ Application Software	Description
5501-468	5466-110	MODULE - NETCON CPU_060 (EMI FILTER)
	5466-111	MODULE - MICRONET 60 CPU
	5466-112	MODULE - MICRONET 60 CPU
	5466-114	MODULE - MICRONET 60 CPU
	5466-116	MODULE - MICRONET 60 CPU
5501-469		MODULE - NETCON CPU_040 W/O LL MEMORY (EMI FILTER)
	5009-502	MODULE - 5009 CPU WITH APPLICATION
5501-470		MODULE - NETCON CPU_040 W/O LL MEMORY (EMI FILTER)
	1751-6007	MODULE - MASTER CPU
	1751-6008	MODULE - MASTER CPU
	1751-6013	MODULE - MASTER CPU
	1751-6014	MODULE - MASTER CPU
	5009-411	MODULE - 5009 CPU MODULE WITH APPLICATION
	5009-413	MODULE - 5009 CPU WITH APPLICATION
	5009-415	MODULE - 5009 CPU WITH APPLICATION
	5009-418	MODULE - 5009 CPU SIO WITH APPLICATION
	5009-419	MODULE - 5009 CPU WITH APPLICATION
	5009-421	MODULE - 5009 CPU APPLICATION W/ SIO
	5009-422	MODULE - 5009C CPU APPLICATION
	5009-423	MODULE - 5009 CPU APPLICATION W/ SIO
	5009-425	MODULE - 5009C CPU APPLICATION W/ SIO
	5009-427	MODULE - 5009C CPU W/ APPLICATION
	5009-500	MODULE - 5009 CPU W/DUAL CPC APPLICATION
	5466-074	MODULE - 5009 CPU W/ APPLICATION SOFTWARE
	5466-1025	MODULE - CPU MICRONET W/ APPLICATION
	5466-1040	MODULE - CPU WITH APPLICATION
	5466-1042	MODULE - 5009C
	5466-1044	MODULE - MICRONET SIMPLEX
	5466-1048	MODULE - CPU W/ APPLICATION
	5466-1079	MODULE - MODULE CPU W/ APPLICATION
	5466-108	MODULE - MICRONET 40 CPU
	5466-109	MODULE - MICRONET 40 CPU
	5466-113	MODULE - MICRONET 40 CPU
	5466-115	MODULE - MICRONET 40 CPU
	5466-117	MODULE - MICRONET 40 CPU
	5466-118	MODULE - MICRONET 40 CPU
	5466-367	MODULE - MASTER CPU
	5466-368	MODULE - MASTER CPU
	5466-370	MODULE - MASTER CPU
	5466-371	MODULE - MASTER CPU

Item Number	CPU Assembly w/ Application Software	Description
5437-050		DOOR - NETCON 3B SIMPLEX MAIN VFD
5453-203		PANEL – DISPLAY
5501-340		BOARD - NETCON SERIAL VFD
5466-318		MODULE - MICRONET TMR KERNEL P.S.
5466-353		MODULE - NETCON MAIN CHASSIS TRANSCEIVER
5466-354		MODULE - NETCON REMOTE CHASSIS TRANSCEIVER
5466-355		MODULE - NETCON REMOTE CHASSIS TRANSCEIVER

Updated Products

The following Woodward part numbers can be used to replace the functionality of the 040/060 CPU and related modules listed above.

- CPU5200 module for Simplex and Redundant applications: 5466-1245
- CPU5200 module for TMR: 5466-1047
- Kernel Power Supply module for TMR: 5466-1049
- RTN module for Simplex or Redundant applications: 5466-1246
- RTN module for TMR: 5466-1036

Customer Action

Order any desired spares of the obsolete part numbers by 30 July 2015. Please prepare to switch future orders over to the new part numbers. For information on how to upgrade your system, refer to the manuals listed in the Description section above and/or consult with Woodward Technical Support as indicated below.

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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