

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 This functionality has been replaced by newer CPUs, and the old designs are no longer feasible to produce due to component obsolescence.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		MODULE - NETCON CPU_040 W/O LL MEMORY
	5464-823	MODULE - MASTER CPU
	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 5466-111 5466-112 5466-114 5466-116	MODULE - NETCON CPU_060 (EMI FILTER) MODULE - MICRONET 60 CPU MODULE - MICRONET 60 CPU MODULE - MICRONET 60 CPU MODULE - MICRONET 60 CPU MODULE - MICRONET 60 CPU
5501-469	5009-502	MODULE - NETCON CPU_040 W/O LL MEMORY (EMI FILTER) MODULE - 5009 CPU WITH APPLICATION
5501-470	1751-6007 1751-6008 1751-6013 1751-6014 5009-411 5009-413 5009-415 5009-418 5009-419 5009-421 5009-422 5009-423 5009-425 5009-427 5009-500 5466-074 5466-1025 5466-1040 5466-1042 5466-1044 5466-1048 5466-1079 5466-108 5466-109 5466-113 5466-115 5466-117 5466-118 5466-367 5466-368 5466-370 5466-371	MODULE - NETCON CPU_040 W/O LL MEMORY (EMI FILTER) MODULE - MASTER CPU MODULE - MASTER CPU MODULE - MASTER CPU MODULE - MASTER CPU MODULE - 5009 CPU MODULE WITH APPLICATION MODULE - 5009 CPU WITH APPLICATION MODULE - 5009 CPU WITH APPLICATION MODULE - 5009 CPU SIO WITH APPLICATION MODULE - 5009 CPU WITH APPLICATION MODULE - 5009 CPU APPLICATION W/ SIO MODULE - 5009C CPU APPLICATION MODULE - 5009 CPU APPLICATION W/ SIO MODULE - 5009C CPU APPLICATION W/ SIO MODULE - 5009C CPU W/ APPLICATION MODULE - 5009 CPU W/DUAL CPC APPLICATION MODULE - 5009 CPU W/ APPLICATION SOFTWARE MODULE - CPU MICRONET W/ APPLICATION MODULE - CPU WITH APPLICATION MODULE - 5009C MODULE - MICRONET SIMPLEX MODULE - CPU W/ APPLICATION MODULE - MODULE CPU W/ APPLICATION MODULE - MICRONET 40 CPU MODULE - MICRONET 40 CPU MODULE - MICRONET 40 CPU MODULE - MICRONET 40 CPU MODULE - MICRONET 40 CPU MODULE - MICRONET 40 CPU MODULE - MASTER CPU MODULE - MASTER CPU MODULE - MASTER CPU 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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