



End-of-Sale and End-of-Life Announcement for the GSR Engine 3 Line Cards and Performance Route Processor-1 Memory Modules

EOL8572

Cisco announces the end-of-sale and end-of-life dates for the GSR Engine 3 Line Cards and Performance Route Processor-1 Memory Modules. The last day to order the affected product(s) is January 29, 2013. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

Table 1. End-of-Life Milestones and Dates for the GSR Engine 3 Line Cards and Performance Route Processor-1 Memory Modules

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end-of-sale and end-of-life of a product is distributed to the general public.	July 31, 2012
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	January 29, 2013
Last Ship Date: HW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	April 29, 2013
End of SW Maintenance Releases Date: HW	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	January 29, 2014
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	January 29, 2014
End of New Service Attachment Date: HW	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	January 29, 2014
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	April 26, 2017
Last Date of Support: HW	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	January 31, 2018

HW = Hardware OS SW = Operating System Software App. SW = Application Software

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
12816-SFC	Cisco 12816 1280Gbps Switch Fabric Card	See the Product Migration Options section below for detailed information on replacing this product.	-	-
12816-SFC=	Cisco 12816 1280Gbps Switch Fabric Card	See the Product Migration Options section below for detailed information on replacing this product.	-	-
12816E-CSC	12816 1280Gbps Enhanced Clock Scheduler	See the Product Migration Options section below for detailed information on replacing this product.	-	-
12816E-CSC=	Cisco 12816 1280Gbps Enhanced Clock Scheduler Card	See the Product Migration Options section below for detailed information on replacing this product.	-	-
12816E/1280	Enhanced 1280Gbps Fabric Option (3xSFC and 2xCSC) for 12816	See the Product Migration Options section below for detailed information on replacing this product.	-	-
12816E/1280=	Enhanced 1280Gbps Fabric Kit (3xSFC and 2xCSC) for 12816	See the Product Migration Options section below for detailed information on replacing this product.	-	-
2MEM-PRP-1G	2GB Memory - (2x1GB DIMM) Configuration	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-1X256M-SODIMM	Single GSR 256M SODIMM Memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-BLZZRD/LC-128	128 MB default route memory for 6CT3-SMB(=)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DF-LC0-PKT-128	Default Line Card Buffer Memory,64/64 (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DF-LC1-PKT-256	Default Line Card Buffer Memory, 128MB/128MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DFT-GRP/LC-128	Default 128MB GRP and L.C. Program/Route Memory (1x128MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DFT-GRP/LC-64	Default 64MB GRP and L.C. Program/Route Memory (1x64MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DFT-LC-2X64	128MB (2x64MB) default LC route memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-DFT-PKT-64	Default Line Card Buffer Memory, 32/32 (TX/RXV)	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
MEM-GRP-64	64MB GRP Program/Route Memory (1X64MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-128	128MB GRP and L.C. Program/Route Memory (1x128MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-128=	128MB GRP and L.C. Upgrade Kit (1x128MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-256	256MB GRP and L.C. Program/Route Memory (2x128MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-256=	256MB GRP and L.C. Upgrade Kit (2x128MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-32	32MB GRP and L.C. Program/Route Memory (1x32MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-GRP/LC-32=	32MB GRP and L.C. Upgrade Kit (1x32MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-ISE-512A-10PK=	1GB Route Mem for 5 E3 cards (10x512MB - needs 31S SW)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-ISE-512A-2PK	1GB Route Mem upg for 1 E3 card (2x512MB - needs 31S SW)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-ISE-512A-2PK=	1GB Route Mem upg for 1 E3 card (2x512MB - needs 31S SW)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-ISE-512A-4PK=	1GB Route Mem for 2 E3 cards (4x512MB - needs 31S SW)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-ISE-ATM-TOOL=	DIMM Removal Tool (Spare)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-128=	BFR -Line Card Memory 128M Config	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-256=	BFR -Line Card Memory 256M Config	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-32	32MB Line Card Program/Route Memory (1x32MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-32=	32MB Line Card Memory Upgrade Kit (1x32MB)	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
MEM-LC-64=	BFR -Line Card Memory 64M Config	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-ISE-512	512 (2x256MB) Memory Upgrade for ISE line card	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-ISE-512=	512 (2x256MB) Memory Upgrade for ISE line card	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-ISE-512A	Second 512 (1x512MB) for 1GB - needs 31S or higher	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-ISE-512A=	512MB (1 DIMM) Route Mem for Eng 3 (1x512MB - needs 31S)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-PKT-128=	Line Card Buffer Memory,64MB/64MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-PKT-32	Line Card Buffer Memory,16MB/16MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC-PKT-32=	Line Card Buffer Memory,16MB/16MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC1-PKT-256	Line Card Buffer Memory,128MB/128MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC1-PKT-256=	Line Card Buffer Memory,128MB/128MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-256	256 MB (1X256MB) route memory module	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-256=	256 MB (1X256MB) route memory module	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-512	512 MB (1X512MB) SDRAM route memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-512=	512 MB (1X512MB) SDRAM route memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-PKT-512	512MB (256TX/256RX, 4X128MB) packet memory module	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-LC4-PKT-512=	512MB (256TX/256RX, 4X128MB) packet memory module	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
MEM-PKT-256	Line Card Buffer Memory,128/128 (TX/RCV)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PKT-256=	line card buffer memory, 128MB/128MB (TX/RCV)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PKT-512-UPG	Line Card Buffer Memory,256MB/256MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PKT-512-UPG=	Line Card Buffer Memory,256MB/256MB (Tx/Rx)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PKT-64	Default Line Card Buffer Memory, 64/64 (TX/RCV)	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PKT-64=	Line Card buffer memory, 32/32 TX/RCV, for OC-48 linecard	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PRP-1G	1GB Memory - (1x1GB DIMM) Configuration	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PRP-1G=	1GB Memory - (1x1GB DIMM) Configuration	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PRP-512M	512MB Memory - (1x512MB DIMM) Configuration	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MEM-PRP-512M=	512MB Memory - (1x512MB DIMM) Configuration	See the Product Migration Options section below for detailed information on replacing this product.	-	-

Product Migration Options

Customers are encouraged to migrate to the Cisco XR 12000 Performance Route Processor-3 and Cisco XR 12000 and 12000 Series SPA Interface Processors. Information about these products can be found at: http://www.cisco.com/en/US/prod/collateral/routers/ps167/data_sheet_c78-528730.html and http://www.cisco.com/en/US/prod/collateral/routers/ps167/product_data_sheet0900aecd80465682.html, respectively.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at http://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

Customers may be able to continue to purchase the GSR Engine 3 Line Cards and Performance Route Processor-1 Memory Modules through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <http://www.cisco.com/go/eos>.

Service prices for Cisco products are subject to change after the product End-of-Sale date.

The Cisco Takeback and Recycle program helps businesses dispose properly of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

http://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html.

For More Information

For more information about the Cisco XR 12000 Performance Route Processor-3 and Cisco XR 12000 and 12000 Series SPA Interface Processors, visit

http://www.cisco.com/en/US/prod/collateral/routers/ps167/product_data_sheet0900aecd80465682.html, or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to:

http://www.cisco.com/en/US/products/products_end-of-life_policy.html.

For more information about the Cisco Product Warranties, go to:

http://www.cisco.com/en/US/products/prod_warranties_listing.html.

To subscribe to receive end-of-life/end-of-sale information, go to:

<http://www.cisco.com/cisco/support/notifications.html>.

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