Product Discontinuance Notice

MEMS Oscillator Product Discontinuance Notice (PDN): PDN NC-14-01.

Effective Date: June 20, 2014

IDT is discontinuing its MEMS oscillator product family.

Reason for Discontinuance.

IDT is committed to, and has a solid history of, delivering products of the highest quality and reliability to its customers and of also providing its customers with the maximum amount of notice possible whenever a product must be discontinued. Maintaining such standards is a high priority for IDT, and one from which it does not deviate, except in the most critical of circumstances.

Regrettably, IDT has experienced a manufacturing-related issue with its MEMS oscillator products which, after diligent effort, has not been satisfactorily rectified. Further, we have found that the manifestation of the issue cannot be reliably screened prior to the part's use in the field. Consequently, in order to assure that our customer applications are not put at risk, IDT must discontinue shipment of all MEMS oscillator products, *effective immediately*. Due to this issue, IDT is unable to offer any last-time-buys.

IDT realizes the importance of continued supply and as such, will be available to assist you in identifying functional replacements. The affected parts are listed on the following pages.

If you have any additional questions or concerns related to this PDN, you may contact your local IDT sales office. You can find their contact information by visiting our website at http://www.idt.com/buy-sample/locations. If you are unable to contact your local IDT sales office, you may contact IDT marketing using the contact information below.

Sincerely,

Ron Wade

IDT Technical Marketing Manger <u>Ron.Wade@idt.com</u> Phone: +1 (408) 284-6563

	6024	rated Device Technology, Inc. Silver Creek Valley Road, San Jo	se, CA 95138			
	Phone Phone	e #: (408) 284-8200	CE NOTICE (PDN	7)		
PDN #:	NC-14-01		for Submission of Order:	12-Jul-2014		
Issue Date:	12-Jul-2014	Last Eligib	le Ship Date:	12-Jul-2014		
	Victor Abarca victor.abarca@idt.com					
· •	AFFECTED: <i>nt Part #(s), if any)</i> ces as listed in the attachme	ATTACHN ent will be discontinued.	MENT ∎ Yes □	No		
 Replace slov Obsolete Fai Obsolete As 	R DISCONTINUANCE: wer speed with faster speed b Technology / Process sembly Technology / Proce ckage / Material arket	-	Manufacturing discontinuand	ce		
As a result of c through this Pr converting to e Last time buy by IDT at its s	oduct Discontinuance Notic equivalent devices offered. orders may be submitted an sole discretion unless otherw	ted above, IDT has decided to dis ce (PDN). We recommend you to Please use acknowledgement belo ny time prior to the date indicated vise agreed by IDT in writing. <i>I free to contact your local ID</i>	check detailed specifications b ow or E-Mail to request additio above. All orders shall be sub	before nal information. ject to acceptance		
Customer:		E-Mail Addr	ess:			
Name/Date: Phone#:						
Title: Fax# :						
CUSTOMER	COMMENTS:					
IDT ACKNO Received By:	WLEDGEMENT:	Date:				



Device to be Discontinued	Drop in Replacement	Functional Replacement	Replacement Part Availability	Product Group	Remark
4-EVAL-32-00	None	None	N/A	NCM	
4-EVAL-53-00	None	None	N/A	NCM	
4-EVAL-75-00	None	None	N/A	NCM	
4-EVK-7A-12500LI	None	None	N/A	NCM	
4-EVK-7A-31250LI	None	None	N/A	NCM	
4CB0750S0Z0BACUGI	Contact IDT	None	N/A	NCM	
4CB0750S0Z0BACUGI8	Contact IDT	None	N/A	NCM	
4EA1000A0Z3AACUGI	None	None	N/A	NCM	
4EA1000A0Z3AACUGI8	None	None	N/A	NCM	
4EA1000A0Z3BACUGI	None	None	N/A	NCM	
4EA1000A0Z3BACUGI8	None	None	N/A	NCM	
4EA1000A0Z4AACUGI	None	None	N/A	NCM	
4EA1000A0Z4AACUGI8	None	None	N/A	NCM	
4EA1000A0Z4BACUGI	None	None	N/A	NCM	
4EA1000A0Z4BACUGI8	None	None	N/A	NCM	
4EA1000S0Z3AACUGI	None	None	N/A	NCM	
4EA1000S0Z3AACUGI8	None	None	N/A	NCM	
4EA1250A0Z3AACUGI	None	None	N/A	NCM	
4EA1250A0Z3AACUGI8	None	None	N/A	NCM	
4EA1250A0Z3BACUGI	None	None	N/A	NCM	
4EA1250A0Z3BACUGI8	None	None	N/A	NCM	
4EA1250A0Z4AACUGI	None	None	N/A	NCM	
4EA1250A0Z4AACUGI8	None	None	N/A	NCM	
4EA1250A0Z4BACUGI	None	None	N/A	NCM	
4EA1250A0Z4BACUGI8	None	None	N/A	NCM	
4EA1250S0Z3AACUGI	None	None	N/A	NCM	
4EA1250S0Z3AACUGI8	None	None	N/A	NCM	
4EA1250S1Z3AACUGI	None	None	N/A	NCM	
4EA1250S1Z3AACUGI8	None	None	N/A	NCM	
4EA1485A0Z4AACUGI	None	None	N/A	NCM	
4EA1485A0Z4AACUGI8	None	None	N/A	NCM	
4EA1562S0Z3AACUGI	None	None	N/A	NCM	
4EA1562S0Z3AACUGI8	None	None	N/A	NCM	
4HF050000Z3AACUGI	FXO-PC735R-50M	None	Now	NCM	-
4HF050000Z3AACUGI8	FXO-PC735R-50M	None	Now	NCM	
4HF050000Z4AACUGI	FXO-LC735R-50M	None	Now	NCM	
4HF050000Z4AACUGI8	FXO-LC735R-50M	None	Now	NCM	
4HF074250Z3BBCUGI	FXO-PC726R-74.250M	None	Now	NCM	
4HF074250Z3BBCUGI8	FXO-PC726R-74.250M	None	Now	NCM	
4HF100000Z3ABCUGI 4HF100000Z3ABCUGI8	FXO-PC736R-100M FXO-PC736R-100M	None	Now	NCM NCM	
4HF100000Z3ABC0G18 4HF100000Z3BACXGI	Contact IDT	None	Now N/A	NCM	
4HF100000Z3BACXGI 4HF100000Z3BACXGI8		None	N/A N/A	NCM	
4HF10000023BACXGI8 4HF100000Z4AACTGI	Contact IDT	None	Now	NCM	
4HF100000Z4AACTGI 4HF100000Z4AACTGI8	FXO-LC535R-100M FXO-LC535R-100M	None None	Now	NCM	
4HF100000Z4AACTG18 4HF100000Z4AACUGI	FXO-LC735R-100M	None	Now	NCM	
4HF10000024AACUGI 4HF10000024AACUGI8	FXO-LC735R-100M	None	Now	NCM	
TII 1000024AACUGIo	1 XO-LC7 33N-100IVI				25ppm not
4HF100000Z4ABCTGI	FXO-LC336-100M	None	Now	NCM	available for - 40+85C, only for 20+70C
4115400000744.055510	EVO 1 6336 100M	N	New		25ppm not available for - 40+85C, only for
4HF100000Z4ABCTGI8	FXO-LC336-100M	None	Now	NCM NCM	20+70C
4HF100000Z4BACTGI	FXO-LC525R-100M	None	Now		
4HF100000Z4BACTGI8	FXO-LC525R-100M	None	Now	NCM	
4HF100000Z4BACUGI	FXO-LC725R-100M	None	Now	NCM	
4HF100000Z4BACUGI8 4HF106250Z3ABCTGI	FXO-LC725R-100M	None	Now	NCM NCM	
	FXO-PC536R-106.25M	None	Now		
4HF106250Z3ABCTGI8	FXO-PC536R-106.25M	None	Now	NCM	
4HF125000Z0AACUGI	None	None	N/A	NCM	
4HF125000Z0AACUGI8	None	None	N/A	NCM	
4HF125000Z3AACUGI	FXO-PC735R-125M	None	Now	NCM	
4HF125000Z3AACUGI8	FXO-PC735R-125M	None	Now	NCM	
4HF125000Z3ABCUGI	FXO-PC736R-125M	None	Now	NCM	
4HF125000Z3ABCUGI8	FXO-PC736R-125M	None	Now	NCM	



Device to be Discontinued	Drop in Replacement	Functional Replacement	Replacement Part Availability	Product Group	Remark
4HF125000Z3BACTGI	FX0-PC525R-125M	None	Now	NCM	
4HF125000Z3BACTGI8	FX0-PC525R-125M	None	Now	NCM	
4HF125000Z3BACXGI	Contact IDT	None	N/A	NCM	
4HF125000Z3BACXGI8	Contact IDT	None	N/A	NCM	
4HF125000Z4AACUGI	FXO-LC735R-125M	None	Now	NCM	
4HF125000Z4AACUGI8	FXO-LC735R-125M	None	Now	NCM	
4HF125000Z4ABCUGI	FXO-LC736R-125M	None	Now	NCM	
4HF125000Z4ABCUGI8	FXO-LC736R-125M	None	Now	NCM	
4HF125000Z4BACXGI	FXO-LC325R-125M	None	Now	NCM	
4HF125000Z4BACXGI8	FXO-LC325R-125M	None	Now	NCM	
4HF125000Z4BACXGI8 4HF125000Z4BBCTGI	FXO-LC525R-125M	None	Now	NCM	
4HF125000Z4BBCTGI 4HF125000Z4BBCTGI8	FXO-LC526R-125M	None	Now	NCM	
4HF125000Z4BBCUGI				NCM	
	FXO-LC726R-125M	None	Now		
4HF125000Z4BBCUGI8	FXO-LC726R-125M	None	Now	NCM	25
					25ppm not available for - 40+85C, only for -
4HF125000Z4BBCXGI	FX0-LC326-125M	None	Now	NCM	20+70C
					25ppm not available for - 40+85C, only for -
4HF125000Z4BBCXGI8	FX0-LC326-125M	None	Now	NCM	20+70C
4HF133330Z3AACUGI	None	None	N/A	NCM	
4HF133330Z3AACUGI8	None	None	N/A	NCM	
4HF148500Z3ABCUGI	None	None	N/A	NCM	
4HF148500Z3ABCUGI8	None	None	N/A	NCM	
4HF155520Z3ABCUGI	None	None	N/A	NCM	
4HF155520Z3ABCUGI8	None	None	N/A	NCM	
4HF156250Z3AACTGI	FXO-PC535R-156.25M	None	Now	NCM	
4HF156250Z3AACTGI8	FXO-PC535R-156.25M	None	Now	NCM	
4HF156250Z3AACUGI	FX0-PC735R-156.25M	None	Now	NCM	
4HF156250Z3AACUGI8	FX0-PC735R-156.25M	None	Now	NCM	
4HF156250Z3AACXGI	Contact IDT	None	N/A	NCM	
4HF156250Z3AACXGI8	Contact IDT	None	N/A	NCM	
4HF156250Z3ABCTGI	FXO-PC536R-156.25M	None	Now	NCM	
4HF156250Z3ABCTGI8	FXO-PC536R-156.25M	None	Now	NCM	
4HF156250Z3ABCUGI	FXO-PC736R-156.25M	None	Now	NCM	
4HF156250Z3ABCUGI8	FXO-PC736R-156.25M	None	Now	NCM	
4HF156250Z3BACTGI	FXO-PC525R-156.25M	None	Now	NCM	
4HF156250Z3BACTGI8	FXO-PC525R-156.25M	None	Now	NCM	
4HF156250Z3BACUGI	FXO-PC725R-156.25M	None	Now	NCM	
4HF156250Z3BACUGI8	FXO-PC725R-156.25M	None	Now	NCM	
4HF156250Z3BACXGI	Contact IDT	None	N/A	NCM	
4HF156250Z3BACXGI8	Contact IDT	None	N/A	NCM	
4HF156250Z3BBCTGI	FXO-PC526R-156.25M	None	Now	NCM	
4HF156250Z3BBCTGI8	FXO-PC526R-156.25M	None	Now	NCM	
4HF156250Z4AACUGI	FXO-LC735R-156.25M		Now	NCM	
4HF156250Z4AACUGI 4HF156250Z4AACUGI8	FXO-LC735R-156.25M	None	Now	NCM	
4HF15625024AACUGI8 4HF156250Z4AACXGI				-	
	FXO-LC335R-156.25M	None	Now	NCM NCM	
4HF156250Z4AACXGI8	FXO-LC335R-156.25M	None	Now		
4HF156250Z4BACTGI	FXO-LC525R-156.25M	None	Now	NCM	
4HF156250Z4BACTGI8	FXO-LC525R-156.25M	None	Now	NCM	25ppm not available for - 40+85C, only for ·
4HF156250Z4BBCXGI	FXO-LC326-156.25M	None	Now	NCM	20+70C
4HF156250Z4BBCXGI8	FXO-LC326-156.25M	None	Now	NCM	25ppm not available for - 40+85C, only for - 20+70C
4HF156253Z3ABCTGI	FXO-PC536R-156.25M	None	Now	NCM	
4HF156253Z3ABCTGI8	FXO-PC536R-156.25M	None	Now	NCM	
4HF156253Z3ABCUGI	FXO-PC736R-156.25M	None	Now	NCM	
4HF156253Z3ABCUGI8	FXO-PC736R-156.25M	None	Now	NCM	
4HF187510Z3AACUGI	FXO-PC735R-187.51M	None	Now	NCM	
4HF187510Z3AACUGI8	FXO-PC735R-187.51M	None	Now	NCM	
4HF18751025AAC0G18	100100310				



PH7212002AAACGUB NORLC339-32.5.4M None Now NCM HP500002AAACUUB NOLC7395-500M None Now NCM HP500002AACUUB NOLC7395-500M None Now NCM HP500002AACUUB NOLC7395-500M None Now NCM HP1514002AACUUB NOLC3395-500M None Now NCM HP1514002AACUUB NOLC3395-530M None Now NCM AMA230002AACUUB NOLC3595-230M None Now NCM AMA230002AACUUB NOLC3597-230M None Now NCM AMA230002AACUUB NOLC3597-230M None Now NCM AMA23002AACUUB NOLC3597-231M None Now NCM AMA23022AACUUB NOLC3597-7173M None Now NCM AMA23022AACUUB NOLC3597-7173M None Now NCM AMA27322AACUUB NOLC3597-7173M None Now NCM AMA27322AACUUB NOLC3597-7125M None NOW NCM<	Device to be Discontinued	Drop in Replacement	Functional Replacement	Replacement Part Availability	Product Group	Remark
alfNoveNoveNoveNoveNoveBird Stand CalaNoveNoveNCMNoveBird Stand			None			
affect Augu2AAATC 10NONCLOSS 98-84.4 MNomeNowNCMAffect SAUDCAAATC 10NON-CYSS 8-84.0 MNomeNowNCMAffect SAUDCAAATC 10NON-CYSS 8-25.0 MNomeNowNCMAffect SAUDCAAATC 10NON-CYSS 8-25.0 MNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNowNCMNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNowNCMANAUSCOURD 2004/CISS 70.0 NomeNowNCM	4HF500000Z4AACUGI	FXO-LC735R-500M	None	Now	NCM	
altersNoneNoneNoneNoneNoneAlters2200023ABCLGISF0-6-7258 622.00MNoneNoveNCMAlterS2200023ABCLGISF0-6-7258 622.00MNoneNoveNCMAlterS2200023ABCLGISF0-6-7258 725MNoneNoveNCMAlta2500023AACLGISF0-6-7258 725MNoneNoveNCMAltA2500023AACLGISF0-6-7258 725MNoneNoveNCMAlta2500023AACLGISF0-6-7258 725MNoneNoveNCMAlta2500023AACLGISF0-6-7258 724MNoneNoveNCMAlta2500023AACLGISF0-6-7258 724MNoneNoveNCMAlta2500023AACLGISF0-6-7258 74.375MNoneNoveNCMAlta275252AAACLGISF0-6-7258 74.375MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.325MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta275250AACLGISF0-16-7258 74.35MNoneNoveNCMAlta2750007AACLGISF0-16-7258 74.35MNone <td>4HF500000Z4AACUGI8</td> <td>FXO-LC735R-500M</td> <td>None</td> <td>Now</td> <td>NCM</td> <td></td>	4HF500000Z4AACUGI8	FXO-LC735R-500M	None	Now	NCM	
IHTEZIONZIABLUGI PRO-PC738A-822.08M None Now New New ALADZSONZIAALUGI PKO-PC738A 22.08M None Now NCM ALADZSONZIAALUGI PKO-PC738A 22.08M None Now NCM ALADZSONZIAALUGI PKO-PC738A 22.08M None Now NCM ALADZSONZIAALUGI PKO-LC538A 23.04M None Now NCM ALADZSONZIAALUGI PKO-LC538A 23.04M None Now NCM ALADZSONZIAALUGI PKO-LC738A 74.250M None Now NCM ALANZYSIXAALUGI PKO-LC738A 74.250M None Now NCM ALANZYSIXAALUGIS PKO-LC738A 74.250M None Now NCM ALANZYSIXAALUGIS <td>4HF614400Z4AACTGI</td> <td>FXO-LC535R-614.4M</td> <td>None</td> <td>Now</td> <td>NCM</td> <td></td>	4HF614400Z4AACTGI	FXO-LC535R-614.4M	None	Now	NCM	
4HFC20023ABCUG8PX0 PC2368 622.0MNoneNowNCMMAND20023AACUG18PX0-PC238 23MNoneNowNCMMAND20023AACUG18PX0-PC238 23MNoneNowNCMMAND20023AACUG18PX0-LC238 23MNoneNowNCMMAND20023AACUG18PX0-LC238 23MNoneNowNCMMAND20023AACUG18PX0-LC238 53MNoneNowNCMMAND20023AACUG18PX0-LC238 73MNoneNowNCMMAND20023AACUG18PX0-LC238 73MNoneNowN	4HF614400Z4AACTGI8	FXO-LC535R-614.4M	None	Now	NCM	
MAAQGOQUAALOLIS PAD-PC/38R-23M None Now NCM MAAQGOQUAALOLIS PAD-CASSR-23M None Now NCM MAAQGOQUAALOLIS PAD-CASSR-24AJSM None Now<	4HF622080Z3ABCUGI	FXO-PC736R-622.08M	None	Now	NCM	
ANAD250023AACUGIRPX0 PC7388-25MNoneNovNCMANAD250023AACUGIRPX0-LC358-35MNoneNovNCMANAD250023AACUGIRPX0-LC358-35MNoneNovNovNCMANAD250023AACUGIRPX0-LC358-50MNoneNovNovNCMANAD250023AACUGIRPX0-LC758-74.15MNoneNovNovNCMANAD250023AACUGIRPX0-LC758-74.15MNoneNovNCMANAD271523AACUGIRPX0-LC758-74.15MNoneNovNCMANAD71252AACUGIRPX0-LC758-74.25MNoneNovNCMANAD71252AACUGIRPX0-LC758-74.25MNoneNovNCMANAD72502AACUGIRPX0-LC758-74.25MNoneNovNCMANAD75020AACUGIRPX0-LC758-74.25MNoneNovNCMANAD75020AACUGIRPX0-LC738-78MNoneNovNCMANAD75020AACUGIRPX0-LC738-78MNoneNovNCMANAD75020AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNovNCMANAD50202AACUGIRPX0-LC738-78MNoneNov <td< td=""><td>4HF622080Z3ABCUGI8</td><td>FXO-PC736R-622.08M</td><td>None</td><td>Now</td><td>NCM</td><td></td></td<>	4HF622080Z3ABCUGI8	FXO-PC736R-622.08M	None	Now	NCM	
ANAD25002AAACTGI INCL C5378-25M None Now NCM ANAD25002AAACLGIB INCL C5378-25M None Now NCM ANAD250002AAACLGIB INCL C5378-50M None Now NCM ANAD250002AAACLGIB INCL C5378-75M None Now NCM ANAD25002AACLGIB INCL C5378-74.75M None Now NCM ANAD271572AAACLGIB INCL C5378-74.25M None Now NCM ANAD747520AAACLGIB INCL C5378-72M None Now NCM ANAD747500AACLGIB INCL C5378-73M None Now NCM ANAD74500AALCGIB INCL C5378-73M None Now NCM ANAD75002AALCGIB INCL C5378-73M None Now NCM ANAD75002AALCGIB INCL C7378-73M None Now NCM ANAD75002AALCGIB INCL C7378-73M None Now NCM ANAD75002AALCGIB INC C7378-73M None Now NCM ANAD75002AALCGIB INC C7378-73M None </td <td>4MA025000Z3AACUGI</td> <td>FXO-PC735R-25M</td> <td>None</td> <td>Now</td> <td>NCM</td> <td></td>	4MA025000Z3AACUGI	FXO-PC735R-25M	None	Now	NCM	
MANABACTIVIS INCL. (2538-25M None Now NCM MANASGOOQUAAACUGIR RX0-L7338-50M None Now NCM MANASGOOQUAAACUGIR RX0-L7338-73.55M None Now NCM MANASGOOQUAAACUGIR RX0-L7338-73.25M None Now NCM MANAD7332GAAACUGIR RX0-L7338-73.25M None Now NCM MANAD7332GAAACUGIR RX0-L7338-73.25M None Now NCM MANAD7330CRAAACUGIR RX0-L7338-73.25M None Now NCM MANAD7300CRAAACUGIR RX0-L7338-73.35M None Now NCM MAND7300CRAAACUGIR RX0-L7358-73M None Now NCM MAND730CRAAACUGIR RX0-L7358-73M	4MA025000Z3AACUGI8	FXO-PC735R-25M	None	Now	NCM	
MAA6S0022AAACUGI NCXL (2738-50M None Now NCM MAA630022AACUGI NCXL (2738-78.157M None Now NCM MAA630022AACUGI NCXL (2738-78.157M None Now NCM MAA0713725AACUGI NCXL (2738-78.257M None Now NCM MAA071AS204AACUGI NCXL (2738-78.250M None Now NCM MAA072AS204AACUGI NCXL (2738-78.35M None Now NCM MAA0735002BAACUGI NCXL (2738-78.35M None Now NCM MAA050002BAACUGI NCXL (27	4MA025000Z4AACTGI	FXO-LC535R-25M	None	Now	NCM	
MAAGEGOOZAAACUGIE NOL C7358-50M None Now NCM MAAD713752AACUGIE NOL C7358-71.157M None Now NCM MAAD713752AACUGIE NOL C7358-72.157M None Now NCM MAAD732502AACUGIE NOL C7358-72.250M None Now NCM MAAD72502AACUGIE NOL C7358-75.450M None Now NCM MAAD72502AACUGIE NOL C7358-75.45 None Now NCM MAAD75002AAACUGIE NOL C7358-75.45 None Now NCM MAAD75002AAACUGIE NOL C7358-75.45 None Now NCM MAAD75002AAACUGIE NOL C7358-75.45 None Now NCM MAAD75002AAAUGUE NOL C7358-75.45 None Now NCM MAAD5002AAUGUE NOL C7358-75.45 None Now NCM MAAD5002AAUGUE NOL C7358-75.45 None Now NCM MAAD5002AAUGUE NOL C7358-75.45 None Now NCM MAA000002AAUGUE NOL C7358-75.05	4MA025000Z4AACTG18	FXO-LC535R-25M	None	Now	NCM	
NAMP 1752AAACUGI FX0-LC738/R 1275M None Now NCM AMA0724520AAACUGI FX0-LC738/R 2425M None Now NCM AMA0724520AAACUGI FX0-LC738/R 2425M None Now NCM AMA0724502AAACUGI FX0-LC738/R 7425M None Now NCM AMA0725002AAACUGI FX0-LC738/R 7425M None Now NCM AMA0725002AACUGI FX0-LC738/R 73M None Now NCM AMA0725002AACUGI FX0-LC738/R 73M None Now NCM AMA0725002AACUGI FX0-LC738/R 73M None Now NCM AMA0730020AACUGI FX0-LC738/R 93M None Now NCM AMA0730002AACUGI FX0-LC738/R 93M None Now NCM AMA0730002AACUGI FX0-LC738/R 93M None Now NCM AMA000002AACUGI FX0-LC738/R 93M None Now NCM AMA1000007AACUGI FX0-LC738/R 93M None Now NCM AMA1000002AACUGI FX0-LC738/R 93M	4MA050000Z4AACUGI	FXO-LC735R-50M	None	Now	NCM	
AMAD INOU ICM AMAD/32502AAACUGI FXOLC735R 74.220M None Now ICM AMAD742502AAACUGI FXOLC735R 74.220M None Now ICM AMAD75002AAACTGI FXOLC735R 74.20M None Now ICM AMAD75002AAACTGI FXOLC735R 75M None Now ICM AMAD75002AAACTGI FXOLC735R 75M None Now ICM AMAD75002AAACUGI FXOLC735R 75M None Now ICM AMAD75002AAACUGI FXOLC735R 95M None Now ICM AMAD80002XAACUGI FXOLC725R 99M None Now ICM AMAD90002ABACUGI FXOLC725R 99M None Now ICM AMAD00007AAACUGI FXOLC725R 91M None Now ICM AMAL000007AAACUGI FXOLC725R 91M None Now ICM AMAL000007AAACUGI FXOLC725R 91M None Now ICM AMAL000002AACUGI FXOLC725R 91M None Now ICM	4MA050000Z4AACUGI8	FXO-LC735R-50M	None	Now	NCM	
MAND 22302AAACUGI FX0-LC738/R 74.250M None Now NCM MAND 22302AAACUGI FX0-LC738/R 74.250M None Now NCM MAND 2002AAACUGI FX0-LC738/R 74.200M None Now NCM MAND 2002AAACUGI FX0-LC738/R 73M None Now NCM MAND 2002AACUGI FX0-LC738/R 93M None Now NCM MAND 2002AACUGI FX0-LC738-99M None Now NCM MAND 2002AACUGI FX0-LC738-100M None	4MA074175Z4AACUGI	FXO-LC735R-74.175M	None	Now	NCM	
ANAD72202AAACUG8FXO-LC738-FX2SMNoneNowNCMANAO75002AAACTG8FXO-LC738-FX3MNoneNowNCMANAO75002AAACTG8FXO-LC738-FX3MNoneNowNCMANAO75002AAACTG8FXO-LC738-FX3MNoneNowNCMANAO75002AAACUG8FXO-LC738-FX3MNoneNowNCMANAO75002AAACUG8FXO-LC738-FX3MNoneNowNCMANAO55002AACUG8FXO-LC738-FX3MNoneNowNCMANAO55002AACUG8FXO-LC738-FX3MNoneNowNCMANAO50002AACUG8FXO-LC738-FX3MNoneNowNCMANAO50002AACUG8FXO-LC738-FX3MNoneNowNCMANAO50002AACUG8FXO-LC738-FX0MNoneNowNCMANAO50002AACUG8FXO-LC738-FX0MNoneNowNCMANA1200002AACUG8FXO-LC738-FX0MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG18FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNoneNowNCMANA1200002AACUG8FXO-LC738-F100MNon	4MA074175Z4AACUGI8	FXO-LC735R-74.175M	None	Now	NCM	
MAM 200023AACTGI PX-LCS38-75M None Now NCM MAM0750024AACUGI PX-LCS38-75M None Now NCM MAM07810024AACUGI PX-LC238-78.3M None Now NCM MAM07810024AACUGI PX-LC238-78.3M None Now NCM MAM07810024AACUGI PX-LC238-78.3M None Now NCM MAM0800024AACUGI PX-LC238-78.3M None Now NCM MAM0900024AACUGI PX-LC238-99M None Now NCM MAM0900024AACUGI PX-LC238-99M None Now NCM MAM0900024AACUGI PX-LC238-100M None Now NCM MAM1000027AACUGI PX-LC238-100M None Now NCM MAM1000027AACUGI PX-LC388-100M None Now	4MA074250Z4AACUGI	FXO-LC735R-74.250M	None	Now	NCM	
AMA079300224ACTGIBPXO-LC338-75MNoneNowNCMAMA078300248ACUGIFXO-LC235-78.33MNoneNowNCMAMA07830024ACUGIFXO-LC235-78.33MNoneNowNCMAMA0850027AACUGIFXO-C238-85MNoneNowNCMAMA0950027AACUGIFXO-C238-85MNoneNowNCMAMA0950027AACUGIFXO-C238-93MNoneNowNCMAMA0950027AACUGIFXO-C238-93MNoneNowNCMAMA0900027AACUGIFXO-C238-100MNoneNowNCMAMA10000073AECUGIFXO-C238-100MNoneNowNCMAMA10000073AECUGIFXO-C238-100MNoneNowNCMAMA10000073AECUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNoneNowNCMANA10000027AACUGIFXO-C238-100MNone <t< td=""><td>4MA074250Z4AACUGI8</td><td>FXO-LC735R-74.250M</td><td>None</td><td>Now</td><td></td><td></td></t<>	4MA074250Z4AACUGI8	FXO-LC735R-74.250M	None	Now		
MAAD Image New NCM MAADR320024AACUGI PXO-LC235-R.38.M None Now NCM MAADR300024ACUGI FXO-LC235-R.38.M None Now NCM MAADR30024ACUGI FXO-LC235-R.35.M None Now NCM MAADR30024ACUGI FXO-LC235-R.95.M None Now NCM MAADR300024ACUGI FXO-LC235-R.95.M None Now NCM MAADR300024ACUGI FXO-LC236-100M None Now NCM MAAL000023ACUGI FXO-PC38-100M None Now NCM MAAL000023AACUGI FXO-PC38-100M None Now NCM MAAL000024AACUGI FXO-IC238-100M None Now NCM MAAL000024AACUGI FXO-IC238-100M None Now NCM <td></td> <td></td> <td>None</td> <td>Now</td> <td></td> <td></td>			None	Now		
AMA07830023ACUGI PX-0-C723R-83MNoneNowNCMAMA0850023ACUGI PX-0-C723R-85MNoneNowNCMAMA0850023ACUGI PX-0-C723R-85MNoneNowNCMAMA0950023ACUGI PX-0-C723R-93MNoneNowNCMAMA0950023ACUGI PX-0-C728-93MNoneNowNCMAMA0950023ACUGI PX-0-C728-100MNoneNowNCMAMA1000073ACUGI PX-0-C728-100MNoneNowNCMAMA1000027AACTGI PX-0-C738-100MNoneNowNCMAMA1000027AACTGI PX-0-C738-100MNoneNowNCMAMA1000027AACTGI PX-0-C738-100MNoneNowNCMAMA1000027AACTGI PX-0-C738-100MNoneNowNCMAMA1000027AACUGI PX-0-C738-120MNoneNow <td>4MA075000Z4AACTGI8</td> <td>FXO-LC535R-75M</td> <td>None</td> <td>Now</td> <td>NCM</td> <td></td>	4MA075000Z4AACTGI8	FXO-LC535R-75M	None	Now	NCM	
MANDBS00223AACUGIPXD-PC7358-BSMNoneNowNCMMANDBS00223AACUGIPXD-PC7358-BSMNoneNowNCMMANDBS00223AACUGIPXD-PC7356-BSMNoneNowNCMMANDBS00223AACUGIPXD-PC736-D0MNoneNowNCMMAA1000073ABCUGIPXD-PC736-100MNoneNowNCMMAA10000273ACCUGIPXD-PC735-100MNoneNowNCMMAA1000023AACTGIPXD-PC7358-100MNoneNowNCMMAA1000023AACTGIPXD-PC7358-100MNoneNowNCMMAA1000023AACTGIPXD-PC7358-100MNoneNowNCMMAA1000023AACTGIPXD-PC7358-100MNoneNowNCMMAA1000023AACUGIPXD-PC7358-100MNoneNowNCMMAA1000023AACUGIPXD-PC7358-100MNoneNowNCMMAA1000023AACUGIPXD-PC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-100MNoneNowNCMMAA1000023AACUGIPXD-IC7358-1						
AMA0890021AACUGI PXOP PC738-89M None Now NCM AMA0990024BACUGI FXO-IC7258-99M None Now NCM AMA10000173AEUG FXO-PC735-100M None Now NCM AMA1000021ABCUG FXO-PC735-100M None Now NCM AMA1000021ABCUG FXO-PC735-100M None Now NCM AMA1000021AACUGI FXO-PC735-100M None Now NCM AMA10000021AACUGI FXO-PC7358-100M None Now NCM AMA10000021AACUGI FXO-PC7358-100M None Now NCM AMA10000021AACUGI FXO-PC7358-100M None Now NCM AMA10000021AACUGI FXO-IC7358-100M None Now NCM AMA10000021AACUGIB FXO-IC7358-100M Non						
MAM09900248ACUGIEPX0-IC728.99MNoneNowNCMMAM09900248ACUGIEFX0-PC736-100MNoneNowNCMMAA10000073ABCUGFX0-PC736-100MNoneNowNCMMAA1000027AACUGIEFX0-PC736-100MNoneNowNCMMAA1000027AACUGIEFX0-PC736-100MNoneNowNCMMAA1000027AACUGIEFX0-PC738-100MNoneNowNCMMAA1000027AACUGIEFX0-PC738-100MNoneNowNCMMAA1000027AACUGIEFX0-PC738-100MNoneNowNCMMAA1000027AACUGIEFX0-PC738-100MNoneNowNCMMAA1000027AACUGIEFX0-PC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-100MNoneNowNCMMAA1000027AACUGIEFX0-LC738-1						
MADB90024BACUGIB FX0-LC228:99.9M None Now NCM MADB000073ARCUG FX0-PC35:00M None Now NCM MALD000073ARCUG FX0-PC35:00M None Now NCM MALD000023ARCUGIB FX0-PC35:5:100M None Now NCM MALD000023ARCUGIB FX0-IC35:5:100M None Now NCM MALD000024ARCUGIB FX0-IC23:5:100M None						
MAN D000073ARCUG FX0-PC736-100M None Now NCM MAN D000023AACTGI FX0-PC355R-100M None Now NCM MAN D000023AACTGI FX0-PC35R-100M None Now NCM MAN D000023AACTGI FX0-LC33R-100M None Now NCM MAN D000023AACTGI FX0-LC35R-100M None Now NCM MAN D000023AACTGI FX0-LC725R-100M None Now NCM MAN D000024AACUGIB FX0-LC725R-100M Non						
MAA 20000073ARCUGE FX0-PC736:100M None Now NCM MAA 10000023AACTGI FX0-PC3358:100M None Now NCM MAA 10000023AACTGI FX0-PC3358:100M None Now NCM MAA 10000023AACTGI FX0-PC338:100M None Now NCM MAA 10000023AACTGI FX0-PC738:100M None Now NCM MAA 10000023AACTGI FX0-IC338:100M None Now NCM MAA 10000024AACTGI FX0-IC338:100M None Now NCM MAA 10000024AACTGI FX0-IC338:100M None Now NCM MAA 10000024AACTGI FX0-IC738:100M None Now NCM MAA 10000024AACTGI FX0-IC7258:100M None Now NCM MAA 10000024AACTGI FX0-IC7258:100M <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
AMA1000023AACTGI PKX-PC358-100M None Now NCM MA10000023AACUGI FX0-PC7358-100M None Now NCM MA10000023AACUGI FX0-PC7358-100M None Now NCM MA10000023AACUGI FX0-PC7358-100M None Now NCM MA10000024AACUGI FX0-PC7358-100M None Now NCM MA10000024AACUGI FX0-LC358-100M None Now NCM MA10000024AACUGI FX0-LC7358-100M None Now NCM MA10000024AACUGI8 FX0-LC738-100M None Now NCM MA10000024BACUGI8 FX0-LC728-100M None Now NCM MA10000024BACUGI8 FX0-LC728-100M None Now NCM MA10000024BACUGI8 FX0-LC728-100M None Now NCM MA1000024BACUGI8 FX0-LC728-100M None Now NCM MA1000024BACUGI8 FX0-LC728-100M None Now NCM MA1000024BACUGI8 FX0-LC728-100M None						
AMA10000023AACUGI FXD PC358P-100M None Now NCM AMA1000023AACUGI FXD-PC358P-100M None Now NCM AMA1000023AACUGI FXD-PC358P-100M None Now NCM AMA1000024AACTGI FXD-PC358P-100M None Now NCM AMA1000024AACUGI FXD-LC358P-100M None Now NCM AMA1000024AACUGI FXD-LC358P-100M None Now NCM AMA1000024AACUGI FXD-LC358P-100M None Now NCM AMA1000024BACUGI FXD-LC258P-100M None Now NCM AMA1000024BACUGI FXD-LC258P-100M None Now NCM AMA1000024BACUGI FXD-LC258P-100M None Now NCM AMA100024BACUGI FXD-LC258P-100M None Now NCM AMA10052923AACUGI FXD-LC258P-100M None Now NCM AMA1020024BACUGI FXD-LC258P-102M None Now NCM AMA12000024BACUGI FXD-LC258P-125M None						
AMA10000023AACUGI FX0-PC33R-100M None Now NCM MA10000023AACUGI FX0-PC33R-100M None Now NCM MA10000024AACTGI FX0-LC33R-100M None Now NCM MA10000024AACTGI FX0-LC33R-100M None Now NCM MA10000024AACUGI FX0-LC33R-100M None Now NCM MA10000024AACUGI FX0-LC33R-100M None Now NCM MA10000024BACTGI FX0-LC32R-100M None Now NCM MA10000024BACTGI FX0-LC32R-100M None Now NCM MA10000024BACUGI FX0-LC32R-100M None Now NCM MA10000024BACUGI FX0-LC32R-100M None Now NCM MA10000024BACUGI FX0-LC32R-100M None Now NCM MA101000024BACUGI FX0-LC72R-10M None Now NCM MA10200024BACUGI FX0-LC72R-12DM None Now NCM MA12000024BACUGI FX0-LC72R-12DM None <						
AMA10000023AACUGIB FX0-FC3SR-100M None Now NCM MA10000024AACTGI FX0-LC3SR-100M None Now NCM AMA10000024AACTGIB FX0-LC3SR-100M None Now NCM AMA10000024AACUGIB FX0-LC3SR-100M None Now NCM AMA10000024AACUGIB FX0-LC3SR-100M None Now NCM AMA10000024BACTGIB FX0-LC3SR-100M None Now NCM AMA10000024BACTGIB FX0-LC3SR-100M None Now NCM AMA10000024BACTGIB FX0-LC3SR-100M None Now NCM AMA10000024BACUGIB FX0-LC3SR-100M None Now NCM AMA10000024BACUGIB FX0-LC3SR-100M None Now NCM AMA10000024BACUGIB FX0-LC3SR-100M None Now NCM AMA1000024BACUGIB FX0-LC3SR-100M None Now NCM AMA1020024BACUGIB FX0-LC3SR-120M None Now NCM AMA1020024BACUGIB FX0-LC3SR-120M None Now NCM AMA1200024BACUGIB FX0-LC3SR-125M None Now NCM AMA1200024BACUGIB FX0-LC3SR-125M None Now NCM AMA1						
AMA10000024AACTGI FXO-LC3SR-100M None Now NCM AMA10000024AACTGI FXO-LC3SR-100M None Now NCM AMA10000024AACUGI FXO-LC3SR-100M None Now NCM AMA10000024AACUGI FXO-LC3SR-100M None Now NCM AMA10000024BACTGI FXO-LC3SR-100M None Now NCM AMA10000024BACUGI FXO-LC2SR-100M None Now NCM AMA10000024BACUGI FXO-LC72SR-100M None Now NCM AMA1000024BACUGI FXO-LC72SR-100M None Now NCM AMA1000024BACUGI FXO-LC72SR-100M None Now NCM AMA1000024BACUGI FXO-LC72SR-100M None Now NCM AMA10200024BACUGI FXO-LC72SR-120M None Now NCM AMA12500024BACUGI FXO-LC73SR-125M None Now NCM AMA12500024BACUGI FXO-LC73SR-125M None Now NCM AMA12500024AACUGI FXO-LC73SR-125M N						
AMA10000024AACTGI8 FXO-LC535R-100M None Now NCM 4MA10000024AACUGI FXO-LC735R-100M None Now NCM 4MA10000024AACUGI FXO-LC735R-100M None Now NCM 4MA10000024BACTGI FXO-LC735R-100M None Now NCM 4MA10000024BACTGI FXO-LC725R-100M None Now NCM 4MA10000024BACUGI FXO-LC725R-100M None Now NCM 4MA10000024BACUGI8 FXO-LC725R-100M None Now NCM 4MA1000024BACUGI8 FXO-LC725R-106.25M None Now NCM 4MA1000024BACUGI8 FXO-LC725R-106.25M None Now NCM 4MA1200024BACUGI8 FXO-LC725R-120M None Now NCM 4MA1200024BACUGI FXO-LC725R-125M None Now NCM 4MA1200024BACUGI8 FXO-LC725R-125M None Now NCM 4MA1200024BACUGI8 FXO-LC735R-125M None Now NCM 4MA12500023AACUGI8 FXO-PC735R-125M </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
HMA10000024AACUGI FXO-LC735R-100M None Now NCM 4MA10000024AACUGI8 FXO-LC735R-100M None Now NCM 4MA10000024BACTGI FXO-LC525R-100M None Now NCM 4MA10000024BACUGI FXO-LC525R-100M None Now NCM 4MA1000024BACUGI FXO-LC725R-100M None Now NCM 4MA1200024BACUGI FXO-LC725R-120M None Now NCM 4MA1200024BACUGI FXO-LC735R-125M None Now NCM 4MA12500074AACUGI8 FXO-LC735R-125M None Now NCM 4MA12500074AACUGI8 FXO-LC735R-125M None Now NCM 4MA12500023AACTGI FXO-PC735R-125M None Now NCM 4MA12500023AACTGI FXO-PC735R-125M						
AMA10000024AACUGI8 FX0-LC235R-100M None Now NCM 4MA10000024BACTGIF FX0-LC23FR-100M None Now NCM 4MA10000024BACTGIF FX0-LC23FR-100M None Now NCM 4MA10000024BACUGIF FX0-LC22FR-100M None Now NCM 4MA1025023AACUGIF FX0-LC22FR-100M None Now NCM 4MA1025023AACUGIF FX0-FC73FR-106.25M None Now NCM 4MA1025023AACUGIF FX0-FC73FR-106.25M None Now NCM 4MA12000024BACUGIF FX0-FC73FR-120M None Now NCM 4MA12000024BACUGIF FX0-FC73FR-125M None Now NCM 4MA12500074AACUGIF FX0-FC73						
4MA10000024BACTGI FXO-LCS25R-100M None Now NCM 4MA10000024BACTGIB FXO-LCS2FR-100M None Now NCM 4MA10000024BACUGIB FXO-LC2SR-100M None Now NCM 4MA10000024BACUGIB FXO-LC72SR-100M None Now NCM 4MA1025023AACUGI FXO-PC73SR-106.25M None Now NCM 4MA1025023AACUGI FXO-PC73SR-106.25M None Now NCM 4MA1250004BACUGIB FXO-PC73SR-120M None Now NCM 4MA12500074AACUGI FXO-LC72SR-120M None Now NCM 4MA12500074AACUGIB FXO-LC73SR-125M None Now NCM 4MA12500074AACUGIB FXO-PC73SR-125M None Now NCM 4MA12500023AACTGIB FXO-PC73SR-125M None Now NCM 4MA12500023AACUGIB FXO-PC73SR-125M None Now NCM 4MA12500023AACUGIB FXO-PC73SR-125M None Now NCM 4MA12500023AACUGIB FXO-PC73SR-12						
AMA1000024BACTGI8FX0-LC525R-100MNoneNowNCM4MA1000024BACUG18FX0-LC725R-100MNoneNowNCM4MA10625023AACUG18FX0-LC725R-100MNoneNowNCM4MA10625023AACUG18FX0-PC735R-106.25MNoneNowNCM4MA10625023AACUG18FX0-PC735R-106.25MNoneNowNCM4MA1020024BACUG18FX0-PC735R-106.25MNoneNowNCM4MA1200024BACUG18FX0-LC725R-120MNoneNowNCM4MA1200024BACUG16FX0-LC735R-125MNoneNowNCM4MA1250074AACUG1FX0-LC735R-125MNoneNowNCM4MA12500074AACUG1FX0-LC735R-125MNoneNowNCM4MA12500074AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500023AACUG18FX0-PC735R-125MNoneNowNCM4MA12500024AACUG18FX0-PC735R-125MNoneNowNCM4MA12500024AACUG18FX0-PC735R-125MNoneNowNCM4MA12500024AACUG18FX0-LC735R-125MNoneNowNCM4MA12500024AACUG18FX0-LC735R-125MNoneNowNCM						
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4MA125000Z4AACUGI8 FXO-LC735R-125M None Now NCM 4MA125000Z4BACUGI FXO-LC725R-125M None Now NCM 4MA125000Z4BACUGI FXO-LC725R-125M None Now NCM 4MA125000Z4BACUGI8 FXO-LC725R-125M None Now NCM 4MA125006Y3AACUGI FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125001Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125001Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125001Y3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA13330Z3AACTGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACTGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACTGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI						
4MA125000Z4BACUGI FXO-LC725R-125M None Now NCM 4MA125000Z4BACUGI8 FXO-LC725R-125M None Now NCM 4MA125006Y3AACUGI FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125001Y3AACUGI FXO-PC735R-125.006 None Now NCM 4MA125001Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125001Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA13330Z3AACTGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
4MA125000Z4BACUGI8 FXO-LC725R-125M None Now NCM 4MA125006Y3AACUGI FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA12506Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA13330Z3AACTGI FXO-PC53FR-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC53FR-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC73FR-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC73FR-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC73FR-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC73FR-133.33M None Now NCM 4MA133330Z4AACUGI8						
4MA125006Y3AACUGI FXO-PC735R-125.006 None Now NCM 4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125001Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA123030Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACTGI FXO-PC535R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA125006Y3AACUGI8 FXO-PC735R-125.006 None Now NCM 4MA125061Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA13330Z3AACTGI FXO-PC535R-133.33M None Now NCM 4MA133330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA125061Y3AACUGI FXO-PC735R-125.061M None Now NCM 4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA1333023AACTGI FXO-PC535R-133.33M None Now NCM 4MA1333023AACTGI FXO-PC535R-133.33M None Now NCM 4MA13333023AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA13333023AACUGI FXO-PC735R-133.33M None Now NCM 4MA13333023AACUGI FXO-PC735R-133.33M None Now NCM 4MA13333023AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA13333023AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA13333024AACTGI FXO-LC535R-133.33M None Now NCM						
4MA125061Y3AACUGI8 FXO-PC735R-125.061M None Now NCM 4MA13330Z3AACTGI FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACTGI FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA13330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA13330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA13330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA13330Z3AACTGI FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA13330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA133330Z3AACTGI8 FXO-PC535R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA133330Z3AACUGI FXO-PC735R-133.33M None Now NCM 4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA133330Z3AACUGI8 FXO-PC735R-133.33M None Now NCM 4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
4MA133330Z4AACTGI FXO-LC535R-133.33M None Now NCM						
	4MA133330Z4AACTGI8	FXO-LC535R-133.33M	None	Now	NCM	



Device to be Discontinued	Drop in Replacement	Functional Replacement	Replacement Part Availability	Product Group	Remark
4MA133333Z3AACUGI	FXO-PC735R-133.333M	None	Now	NCM	
4MA133333Z3AACUGI8	FXO-PC735R-133.333M	None	Now	NCM	
4MA148500Z3AACUGI	FXO-PC735R-148.5M	None	Now	NCM	
4MA148500Z3AACUGI8	FXO-PC735R-148.5M	None	Now	NCM	
4MA148500Z4AACTGI	FX0-LC535R-148.5M	None	Now	NCM	
4MA148500Z4AACTGI8	FX0-LC535R-148.5M	None	Now	NCM	
4MA148500Z4AACUGI	FXO-LC735R-148.5M	None	Now	NCM	
4MA148500Z4AACUGI8	FXO-LC735R-148.5M	None	Now	NCM	
4MA148500Z4BACTGI	FXO-LC525R-148.5M	None	Now	NCM	
4MA148500Z4BACTGI8	FXO-LC525R-148.5M	None	Now	NCM	
4MA148500Z4BACUGI	FXO-LC725R-148.RM	None	Now	NCM	
4MA148500Z4BACUGI8	FXO-LC725R-148.RM	None	Now	NCM	
4MA150000Z3AACTGI	FXO-PC535R-150M	None	Now	NCM	
4MA150000Z3AACTGI8	FXO-PC535R-150M	None	Now	NCM	
4MA150000Z3AACUGI	FX0-PC735R-150M	None	Now	NCM	
4MA150000Z3AACUGI8	FX0-PC735R-150M	None	Now	NCM	
4MA150000Z4AACTGI	FXO-LC535R-150M	None	Now	NCM	
4MA150000Z4AACTG18	FXO-LC535R-150M	None	Now	NCM	
4MA150000Z4AACUGI	FXO-LC735R-150M	None	Now	NCM	
4MA150000Z4AACUGI8	FXO-LC735R-150M	None	Now	NCM	
4MA150000Z4BACTGI	FXO-LC525R-150M	None	Now	NCM	
4MA150000Z4BACTGI8	FXO-LC525R-150M	None	Now	NCM	
4MA155520Z3AACTGI	FXO-PC535R-155.52M	None	Now	NCM	
4MA155520Z3AACTGI8	FXO-PC535R-155.52M	None	Now	NCM	
4MA155520Z3AACUGI	FXO-PC735R-155.52M	None	Now	NCM	
4MA155520Z3AACUGI8	FXO-PC735R-155.52M	None	Now	NCM	
4MA155520Z3BACUGI	FXO-PC725R-155.52M	None	Now	NCM	
4MA155520Z3BACUGI8	FXO-PC725R-155.52M	None	Now	NCM	
4MA155520Z4AACTGI	FXO-LC535R-155.52M	None	Now	NCM	
4MA155520Z4AACTGI8	FXO-LC535R-155.52M	None	Now	NCM	
4MA155520Z4AACUGI	FXO-LC735R-155.52M	None	Now	NCM	
4MA155520Z4AACUGI8	FXO-LC735R-155.52M	None	Now	NCM	
4MA156250Z3AACTGI	FXO-PC535R-156.25M	None	Now	NCM	
4MA156250Z3AACTGI8	FXO-PC535R-156.25M	None	Now	NCM	
4MA156250Z3AACUGI	FXO-PC735R-156.25M	None	Now	NCM	
4MA156250Z3AACUGI8	FXO-PC735R-156.25M	None	Now	NCM	
4MA156250Z3BACTGI	FXO-PC525R-156.25M	None	Now	NCM	
4MA156250Z3BACTGI8	FXO-PC525R-156.25M	None	Now	NCM	
4MA156250Z3BACUGI	FXO-PC725R-156.25M	None	Now	NCM	
4MA156250Z3BACUGI8	FXO-PC725R-156.25M	None	Now	NCM NCM	
4MA156250Z4AACTGI	FXO-LC535R-156.25M	None	Now		
4MA156250Z4AACTG18	FXO-LC535R-156.25M	None	Now	NCM NCM	
4MA156250Z4AACUGI 4MA156250Z4AACUGI8	FXO-LC735R-156.25M	None	Now	NCM	
	FXO-LC735R-156.25M	None			
4MA156250Z4BACTGI	FXO-LC525R-156.25M	None	Now	NCM NCM	
4MA156250Z4BACTGI8 4MA156250Z4BACUGI	FXO-LC525R-156.25M FXO-LC725R-156.25M	None None	Now	NCM	
4MA156250Z4BACUGI 4MA156250Z4BACUGI8	FXO-LC725R-156.25M	None	Now	NCM	
4MA156600Z4BACUGI8	FXO-LC725R-156.25M	None	Now	NCM	
4MA156600Z4BACUGI 4MA156600Z4BACUGI8	FXO-LC725R-156.25M	None	Now	NCM	
4MA159375Z4AACTGI	FXO-LC535R-159.375M	None	Now	NCM	
4MA159375Z4AACTGI8	FXO-LC535R-159.375M	None	Now	NCM	
4MA187500Z4BACTGI	FXO-LC525R-139.575M	None	Now	NCM	
4MA187500Z4BACTGI8	FXO-LC525R-187.5M	None	Now	NCM	
4MA187510Z3AACUGI	FXO-PC735R-187.510M	None	Now	NCM	
4MA187510Z3AACUGI8	FXO-PC735R-187.510M	None	Now	NCM	
4MA200000Z3AACUGI	FXO-PC735R-200M	None	Now	NCM	
4MA200000Z3AACUGI8	FXO-PC735R-200M	None	Now	NCM	
4MA200000Z3BACUGI	FXO-PC725R-200M	None	Now	NCM	
4MA200000Z3BACUGI8	FXO-PC725R-200M	None	Now	NCM	
4MA200000Z4AACTGI	FX0-LC535R-200M	None	Now	NCM	
4MA200000Z4AACTG18	FX0-LC535R-200M	None	Now	NCM	
4MA200000Z4AACUGI	FXO-LC735R-200M	None	Now	NCM	
4MA200000Z4AACUGI8	FXO-LC735R-200M	None	Now	NCM	
4MA200000Z4BACTGI	FXO-LC525R-200M	None	Now	NCM	
4MA200000Z4BACTG18	FXO-LC525R-200M	None	Now	NCM	
4MA200000Z4BACUGI	FXO-LC725R-200M	None	Now	NCM	



Device to be Discontinued	Drop in Replacement	Functional Replacement	Replacement Part Availability	Product Group	Remark
4MA200000Z4BACUGI8	FXO-LC725R-200M	None	Now	NCM	
4MA212500Z3AACUGI	FXO-PC735R-212.5M	None	Now	NCM	
4MA212500Z3AACUGI8	FXO-PC735R-212.5M	None	Now	NCM	
4MA212500Z4AACTGI	FXO-LC535R-212.5M	None	Now	NCM	
4MA212500Z4AACTGI8	FXO-LC535R-212.5M	None	Now	NCM	
4MA212500Z4AACUGI	FXO-LC735R-212.5M	None	Now	NCM	
4MA212500Z4AACUGI8	FXO-LC735R-212.5M	None	Now	NCM	
4MA233333Z4AACUGI	FXO-LC735R-233.333M	None	Now	NCM	
4MA233333Z4AACUGI8	FXO-LC735R-233.333M	None	Now	NCM	
4MA233333Z4BACUGI	FXO-LC725R-233.333M	None	Now	NCM	
4MA233333Z4BACUGI8	FXO-LC725R-233.333M	None	Now	NCM	
4MA250000Z4AACTGI	FX0-LC535R-250M	None	Now	NCM	
4MA250000Z4AACTG18	FX0-LC535R-250M	None	Now	NCM	
4MA300000Z4AACUGI	FXO-LC735R-300M	None	Now	NCM	
4MA300000Z4AACUGI8	FXO-LC735R-300M	None	Now	NCM	
4MA312500Z3AACUGI	FXO-PC735R-312.515M	None	Now	NCM	
4MA312500Z3AACUGI8	FXO-PC735R-312.515M	None	Now	NCM	
4MA312515Y3AACUGI	FXO-PC735R-312.515M	None	Now	NCM	
4MA312515Y3AACUGI8	FXO-PC735R-312.515M	None	Now	NCM	
4MA312653Y3AACUGI	FXO-PC735R-312.653M	None	Now	NCM	
4MA312653Y3AACUGI8	FXO-PC735R-312.653M	None	Now	NCM	
4MA400000Y3AACTGI	FXO-PC535R-400M	None	Now	NCM	
4MA400000Y3AACTGI8	FXO-PC535R-400M	None	Now	NCM	
4ZA078115Y3AACUGI	FX0-PC735R-78.115M	None	Now	NCM	
4ZA078115Y3AACUGI8	FX0-PC735R-78.115M	None	Now	NCM	
4ZA078125Z3AZCUGI	FXO-PC730R78.125M	None	Now	NCM	
4ZA078125Z3AZCUGI8	FXO-PC730R78.125M	None	Now	NCM	
4ZA125000Y4BACTGI	FXO-LC525R-125M	None	Now	NCM	
4ZA125000Y4BACTGI8	FXO-LC525R-125M	None	Now	NCM	
4ZA148500Y4AACTGI	FXO-LC535R-148.5M	None	Now	NCM	
4ZA148500Y4AACTGI8	FXO-LC535R-148.5M	None	Now	NCM	
4ZA148500Y4BACTGI	FXO-LC525R-148.5M	None	Now	NCM	
4ZA148500Y4BACTGI8	FXO-LC525R-148.5M	None	Now	NCM	
4ZA156240Y3BACXGI	Contact IDT	None	N/A	NCM	
4ZA156240Y3BACXGI8	Contact IDT	None	N/A	NCM	
4ZA156250Y3BACXGI	Contact IDT	None	N/A	NCM	
4ZA156250Y3BACXGI8	Contact IDT	None	N/A	NCM	
4ZB155520Y4ABCUGE	None	None	N/A	NCM	
4ZB155520Y4ABCUGE8	None	None	N/A	NCM	
4ZB156250Y4ABCUGE	None	None	N/A	NCM	
4ZB156250Y4ABCUGE8	None	None	N/A	NCM	
4ZH125000Y4BBCUG	FXO-LC726-125M	None	Now	NCM	
4ZH125000Y4BBCUG8	FXO-LC726-125M	None	Now	NCM	
4ZL035328Y0AACUGI	None	None	N/A	NCM	
4ZL035328Y0AACUGI8	None	None	N/A	NCM	
4ZL070656Y0AACUGI	None	None	N/A	NCM	
4ZL070656Y0AACUGI8	None	None	N/A	NCM	
4ZY125000Z3AACTGI	FXO-PC535R-125M	None	Now	NCM	
4ZY125000Z3AACTGI8	FXO-PC535R-125M	None	Now	NCM	