



Subject: Product Discontinuation Notification

To whom it may concern,

This is notification that the part numbers listed below will be discontinued by Exar Corporation:

Ordering Part Number	Suggested Part Replacement	Functional Equivalent	Pin Compatible	Comments
CAB-XR5R921	CAB-DB15-V4A4S0	X	X	Same cable, shield connected to shell.
CDK3404ATQ48MTR	None			
CDK3404ATQ48X	None			
CDK3404CTQ48MTR	None			
CDK3404CTQ48X	None			
CDK3405ATQ48MTR	None			
CDK3405ATQ48X	None			
CDK3405CTQ48	None			
CDK3405CTQ48MTR	None			
CDK3405CTQ48X	None			
CLC1050IST5	None			
CLC2011IMP8	None			
CLC2011ISO8MTR	None			
CLC2550ISO8X	None			
CLC4011ITP14	None			
CLC4011ITP14MTR	None			
DX1825A01	DX1845A01	X	X	4 x 8204 processors per board.
DX183511	DX1845A01	X	X	4 x 8204 processors per board, full height bracket.
DX1835A01	DX1845A01	X	X	4 x 8204 processors per board.
DX1845B01	DX1845A01	X	X	Standard product version.
DX1845B0B	DX1845A01	X	X	Standard product version, single pack.
DX1845B11	DX1845A01	X	X	Standard product version, full height bracket.

DX1845BFB	DX1845A01	X	X	Standard product version, single pack, full height bracket.
LMV321IST5	CLC1020IST5X	X		Different orderable part number. Different pinout.
LMV321IST5X	CLC1020IST5X	X		Different orderable part number. Different pinout.
LP2950ACN-L-3-3	None			
LP2950ACN-L-3-3/TR	None			
LP2950ACN-L-5-0	None			
LP2950ACN-L-5-0/TR	None			
LP2950CN-L-3-3/TR	None			
LP2950CN-L-5-0	None			
LP2950CN-L-5-0/TR	None			
OEM-VDC7002HDMI-L	OEM-VDC7002HDMI-H	X	X	Full height bracket.
OEM-VRC7008E-L	OEM-VRC7008E-H	X	X	Full height bracket.
OEM-VRC7016XE-L	OEM-VRC7016XE-H	X	X	Full height bracket.
S6100PHI-3	S6100PHC-3	X	X	Commercial temperature version.
S7100PH-C3	S7100PHC-C4	X	X	Higher speed grade.
S7100PH-HC2	S7100PH-HC3	X	X	Higher speed grade.
S7100PH-I3	S7100PH-HI3	X	X	1.2V only.
S7110PB-C2	S7110PB-C3	X	X	Higher speed grade.
S7110PB-HC2	S7110PB-HC3	X	X	Higher speed grade.
SP1481ECN-L	None			
SP206CA-L/TR	SP211ECA-L/TR	X		Replacement has two additional receivers.
SP208EEA-L	SP208EEA-L/TR	X	X	Packaging available: Tape and reel only
SP211ECA-L	SP211ECA-L/TR	X	X	Packaging available: Tape and reel only
SP213ECA-L	SP213ECA-L/TR	X	X	Packaging available: Tape and reel only
SP213EHEA-L	SP213EHEA-L/TR	X	X	Packaging available: Tape and reel only

SP26LV431CN-L	None			
SP3224EEY-L/TR	None			
SP3243EHCT-L/TR	None			
SP3497EEN-L	None			
SP483ECN-L	SP483ECN-L/TR	X	X	Packaging available: Tape and reel only
SP6123ACN-L/TR	SP6123CN-L/TR		X	Replacement without A grade
SP6128AEY-L	SP6128AEY-L/TR	X	X	Packaging available: Tape and reel only
SP6128AHY-L/TR	SP6128AEY-L/TR		X	Improved temperature range.
SP6136ER1-L/TR	SP6133ER1-L/TR		X	SP6133ER1-L/TR is 300kHz.
SP619EK-L/TR	SP619EK-L/TRR3		X	Orientation change in packing tape.
SP6201EM5-L/TR	SP6205EM5-L/TR		X	Different orderable part number. Higher current limit version.
SP6201EM5-L-1-5/TR	SP6205EM5-L/TR	X		Different orderable part. Requires 2 external set resistors. Higher current limit.
SP6201EM5-L-2-5/TR	SP6205EM5-L/TR	X		Different orderable part. Requires 2 external set resistors. Higher current limit.
SP6201ER-L/TR	SP6205ER-L/TR		X	Different orderable part number. Higher current limit.
SP6201ER-L-1-8/TR	SP6205ER-L/TR	X		Different orderable part. Requires 2 external set resistors. Higher current limit.
SP6201ER-L-3-3/TR	SP6205ER-L-3-3/TR		X	Different orderable part number. Higher current limit.
SP6203EM5-L/TR	SP6205EM5-L/TR		X	Different orderable part number. Higher current limit.
SP6203EM5-L-2-5/TR	SP6205ER-L/TR	X		Different orderable part. Requires 2 external set resistors. Higher current limit.

SP6203EM5-L-3-0/TR	SP6205EM5-L-3-0/TR		X	Different orderable part number. Higher current limit.
SP6203EM5-L-3-3/TR	SP6205EM5-L-3-3/TR		X	Different orderable part number. Higher current limit version.
SP6203ER-L/TR	SP6205ER-L/TR		X	Different orderable part number. Higher current limit.
SP6203ER-L-1-8/TR	SP6205ER-L-1-8/TR		X	Different orderable part number. Higher current limit.
SP6205EM5-L-1-8/TR	SP6205ER-L-1-8/TR	X		Available in an 8LD DFN package
SP6205EM5-L-2-5/TR	SP6205EM5-L/TR	X		Requires 2 external set resistors
SP6205EM5-L-2-8/TR	SP6203EM5-L-2-8/TR or SP6205EM5-L/TR	X	X	SP6203EM5-L-2-8/TR: reduced current limit or SP6205EM5-L/TR: adjustable part with external feedback resistors
SP6205EM5-L-3-3	SP6205EM5-L-3-3/TR	X	X	Packaging available: Tape and reel only
SP6205ER-L-2-5/TR	SP6205ER-L/TR	X		Requires 2 external set resistors.
SP6213EC5-L-1-8/TR	None			
SP6213EC5-L-2-5/TR	SP6214EC5-L-2-5/TR	X		Pinout change, identical function.
SP6213EC5-L-3-0/TR	None			
SP6214EC5-L-1-8/TR	None			
SP6214EC5-L-3-0/TR	None			
SP6214EC5-L-3-3/TR	SP6213EC5-L-3-3/TR	X		Pinout change, identical function.
SP6260AEK-L/TR	SP6260GEK-L/TR	X		Requires 2 external set resistors.
SP6260BEK-L/TR	SP6260GEK-L/TR	X		Requires 2 external set resistors.
SP6260CEK-L/TR	None			

SP6260DEK-L/TR	SP6260GEK-L/TR	X		Requires 2 external set resistors.
SP6260EEK-L/TR	SP6260GEK-L/TR	X		Requires 2 external set resistors.
SP6648ER-L/TR	SP6648EU-L/TR	X		Available in a 10LD MSOP package.
SP6650EU-L/TR	None			
SP6651AER-L	None			
SP6651AER-L/TR	None			
SP6651AEU-L/TR	None			
SP6652ER-L/TR	SP6652EU-L/TR	X		Available in a 10LD MSOP package.
SP6654EU-L/TR	SP6654ER-L/TR	X		Available in a 10LD DFN package.
SP6660EN-L/TR	None			
SP6661EU-L	SP6661EU-L/TR	X	X	Packaging available: Tape and reel only
SP6685ER-L/TR	SP6686ER-L/TR or SP7685ER-L/TR		X	SP6686ER-L/TR: lower current or SP7685ER-L/TR: higher current.
SP690ACN-L	SP690AEN-L		X	Extended grade available.
SP690ACN-L/TR	SP690AEN-L		X	Extended grade available.
SP690ACP-L	None			
SP690AEN-L/TR	SP690AEN-L	X	X	Packaging Available: Bulk Only
SP690AEP-L	None			
SP690SCN-L/TR	SP690SEN-L/TR		X	Extended temperature range.
SP690TEN-L	None			
SP690TEN-L/TR	None			
SP691ACT-L	SP691ACT-L/TR	X	X	Packaging available: Tape and reel only
SP691AEN-L	SP691AEN-L/TR	X	X	Packaging available: Tape and reel only



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SP691AET-L/TR	SP691ACN-L/TR	X		Available in a 10LD MSOP package.
SP705CN-L	SP705CN-L/TR	X	X	Packaging available: Tape and reel only
SP705CU-L/TR	SP705CN-L/TR	X		Available in an 8LD SOIC package.
SP705EN-L	SP705EN-L/TR	X	X	Packaging available: Tape and reel only
SP705ICF	None			
SP706CN-L/TR	SP705CN-L/TR		X	Different orderable part number. Slight change to threshold.
SP706RCU-L/TR	SP706RCN-L/TR	X		Available in an 8LD SOIC package.
SP706REN-L	SP706REN-L/TR	X	X	Packaging available: Tape and reel only
SP706REU-L/TR	SP706REN-L/TR		X	Available in an 8LD SOIC package.
SP706SCN-L/TR	SP706SCU-L/TR	X		Available in an 8LD MSOP package.
SP706SEN-L	SP706SEN-L/TR	X	X	Packaging available: Tape and reel only
SP706SEU-L	SP706SCU-L/TR		X	Replacement is a commercial version temperature range.
SP706SEU-L/TR	SP706SCU-L/TR		X	Replacement is a commercial version temperature range.
SP706SICF	None			
SP706TEN-L	SP706TEN-L/TR	X	X	Packaging available: Tape and reel only
SP706TEU-L	SP706TEU-L/TR	X	X	Packaging available: Tape and reel only
SP706TICF	None			
SP707CN-L	SP707EN-L/TR		X	Extended grade available.
SP707CN-L/TR	SP707EN-L/TR		X	Extended grade available.

SP707CU-L	SP707EN-L/TR	X		Available in an 8LD SOIC package.
SP707EN-L	SP707EN-L/TR	X	X	Packaging available: Tape and reel only
SP708REN-L/TR	None			
SP708SCN-L/TR	SP708SEN-L/TR		X	Extended grade available.
SP708SCU-L/TR	SP708SEN-L/TR	X		Available in an 8LD SOIC package.
SP708TCN-L/TR	SP708TEN-L/TR		X	Extended grade available.
SP7662ER-L	SP7662ER-L/TR	X	X	Packaging available: Tape and reel only
SP7663ER-L/TR	SP7662ER-L/TR		X	SP7662ER-L/TR is 300kHz.
SP791CN-L/TR	None			
SP809EK-L-3-1/TR	SP809NEK-L-3-1/TR		X	May require a pull up resistor.
SP809EK-L-4-6/TR	None			
SP809NEK-L-2-3/TR	SP809EK-L-2-3/TR		X	Output actively driven.
SP809NEK-L-2-9/TR	SP809EK-L-2-9/TR		X	Output actively driven.
SP809NEK-L-4-6/TR	None			
SP810EK-L-4-4/TR	None			
SP813LCP-L	SP813LEN-L/TR	X		Available in an 8LD SOIC package.
SP813LEN-L	SP813LEN-L/TR	X	X	Packaging available: Tape and reel only
SP813LEP-L	SP813LEN-L/TR	X		Available in an 8LD SOIC package.
SPX1521M3-L-3-3/TR	None			
SPX1521M3-L-5-0/TR	SPX3940M3-L-5-0/TR		X	Different orderable part number. Higher current limit version.
SPX1582T5-L-2-5/TR	SPX1582T5-L/TR	X		Requires 2 external set resistors.
SPX1585AT-L-3-3/TR	SPX1587AT-L-3-3/TR		X	Different orderable part number. Higher current limit version.
SPX1587AR-L/TR	SPX1587AT-L/TR	X		Available in a TO-263 package.

SPX1587AT-L	SPX1587AT-L/TR	X	X	Packaging available: Tape and reel only
SPX1587AT-L-2-5/TR	SPX1587AT-L/TR	X		Requires 2 external set resistors.
SPX2815AT-L-3-3	SPX2815AT-L-3-3/TR	X	X	Packaging available: Tape and reel only
SPX29150T-L-1-8/TR	None			
SPX29150T-L-2-5/TR	SPX29300T-L-2-5/TR		X	Different orderable part number. Higher current limit version.
SPX29151ICF-1-8	None			
SPX29151ICF-2-5	None			
SPX29151ICF-3-3	None			
SPX29151T5-L-1-8/TR	None			
SPX29151T5-L-2-5/TR	None			
SPX29151T5-L-5-0/TR	SPX29301T5-L-5-0/TR		X	Different orderable part number. Higher current limit version.
SPX29152ICF	None			
SPX29300T-L-1-8/TR	None			
SPX29300T-L-3-3	SPX29300T-L-3-3/TR	X	X	Packaging available: Tape and reel only
SPX29301ICF-3-3	None			
SPX29301T5-L-3-3/TR	None			
SPX29302ICF	None			
SPX29302T5-L	SPX29302T5-L/TR	X	X	Packaging available: Tape and reel only
SPX2940T-L-5-0/TR	SPX2940U-L-5-0/TR	X		Available in a TO-220 package.
SPX2940U-L-5-0	None			
SPX2945M3-L-3-3	SPX2945M3-L-3-3/TR	X	X	Packaging available: Tape and reel only
SPX2945M3-L-5-0/TR	None			
SPX29501T5-L-3-3/TR	None			
SPX29501T5-L-5-0/TR	None			
SPX29502T5-L	None			
SPX29502T5-L/TR	None			

SPX2951ACS-L-5-0	None			
SPX2951ACS-L-5-0/TR	None			
SPX2954AS-L-5-0/TR	SPX2954AM3-L-5-0/TR	X		Available in an SOT-223 package.
SPX2954M3-L-3-3	SPX2954M3-L-3-3/TR	X	X	Packaging available: Tape and reel only
SPX2954S-L-3-3/TR	SPX2954M3-L-3-3/TR	X		Available in an SOT-223 package.
SPX2954S-L-5-0/TR	None			
SPX3819R2-L-1-8/TR	SPX3819R2-L/TR	X		Minor board change to add feedback resistors.
SPX3819S-L-1-2/TR	SPX3819S-L/TR	X		Minor board change to add feedback resistors.
SPX3819S-L-1-5/TR	SPX3819S-L/TR	X		Minor board change to add feedback resistors.
SPX3819S-L-1-8/TR	SPX3819S-L/TR	X		Minor board change to add feedback resistors.
SPX3819S-L-2-5/TR	SPX3819S-L/TR	X		Requires 2 external set resistors.
SPX3819S-L-3-3/TR	SPX3819S-L/TR	X		Requires 2 external set resistors.
SPX385AS-L-1-2/TR	None			
SPX385N-L-2-5	None			
SPX385N-L-2-5/TR	None			
SPX3940AM3-L-1-8/TR	None			
SPX3940AM3-L-2-5/TR	SPX3940M3-L-2-5/TR		X	Replacement is without A grade.
SPX3940AT-L-1-8/TR	None			
SPX3940AT-L-5-0/TR	None			
SPX3940M3-L-3-3	SPX3940AM3-L-3-3/TR		X	Replacement includes A grade.
SPX3940M3-L-3-3/TR	SPX3940AM3-L-3-3/TR		X	Improved accuracy.
SPX3940M3-L-5-0	SPX3940M3-L-5-0/TR	X	X	Packaging available: Tape and reel only
SPX431AN-L/TR	SPX431AM1-L/TR	X		Available in an SOT-89 package.

SPX431LAN-L/TR	None			
SPX431LN-L/TR	SPX431AM1-L/TR	X		Available in an SOT-89 package.
SPX432AM-L/TR	SPX432M-L/TR		X	Replacement is without A grade
SPX5205M5-L-1-2/TR	SPX3819M5-L-1-2/TR		X	Different orderable part number. Higher current limit version.
SPX5205M5-L-2-5/TR	SPX3819M5-L-2-5/TR		X	Different orderable part number. Higher current limit version.
ST16C1550IJ28TR-F	ST16C1550IJ28-F	X	X	Packaging available: Bulk only
ST16C2550IJ44TR-F	ST16C2550IJ44-F	X	X	Packaging available: Bulk only
ST16C450CJ44TR-F	None			
ST16C450IQ48TR-F	None			
ST16C552ACJ68TR-F	None			
ST16C554CQ64TR-F	ST16C554CQ64-F	X	X	Packaging available: Bulk only
ST68C554CJ68-F	ST16C554DCJ68-F	X	X	Drop in replacement.
VRC6016	OEM-VRC7016-H	X	X	S7100 processor, SDK upgrade
XR16C2852CJTR-F	XR16C2852CJ-F	X	X	Packaging available: Bulk only
XR16L2551IMTR-F	XR16L2551IM-F	X	X	Packaging available: Bulk only
XR16L2552IMTR-F	XR16L2552IM-F	X	X	Packaging available: Bulk only
XR16L788CQTR-F	XR16L788CQ-F	X	X	Packaging available: Bulk only
XR16M2550IL32TR-F	XR16M2550IL32-F	X	X	Packaging available: Bulk only
XR16M2551IL32-F	XR16L2551IL-F	X	X	XR16L2551IL-F operates from 2.97V-5.5V.
XR16M570IL24-F	XR16M570IL24TR-F	X	X	Packaging available: Tape and reel only
XR16M570IL32TR-F	None			
XR16M580IL32-F	None			
XR16M770IL24-F	XR16M770IL24TR-F	X	X	Packaging available: Tape and reel only
XR16M890IL32TR-F	XR16M890IL32-F	X	X	Packaging available: Bulk only
XR16M890IL40-F	XR16M890IL32-F	X		Less GPIOs.

XR46000ESE	XR46000ESETR or XR46002ESETR	X	X	Packaging available: Tape and reel only
XR46051IHBTR	None			
XR46083ECF	None			
XR46083ECF-C2	None			
XR68C192CVTR-F	XR68C192CV-F	X	X	Packaging available: Bulk only
XR68C192IJTR-F	None			
XR68C192IVTR-F	XR68C192IV-F	X	X	Packaging available: Bulk only
XR68C92CJTR-F	XR68C92J-F	X	X	Packaging available: Bulk only
XR68C92CVTR-F	XR68C92CV-F	X	X	Packaging available: Bulk only
XR68C92IVTR-F	None			
XR76201ELMTR	XR76201ELTR	X	X	Packaging available: Tape and reel only
XR77128ELBMTR-F	XR77128ELB-F	X	X	Packaging available: Bulk only
XR77128ELBTR-F	XR77128ELB-F	X	X	Packaging available: Bulk only
XR77129ELBTR-F	XR77129ELB-F	X	X	Packaging available: Bulk only
XR82C684CJTR/44-F	XR82C684CJ/44-F	X	X	Packaging available: Bulk only
XR88C192CVTR-F	XR88C192CV-F	X	X	Packaging available: Bulk only
XR88C192IJTR-F	None			
XR88C192IVTR-F	None			
XR88C92CJTR-F	XR88C92CJ-F	X	X	Packaging available: Bulk only
XR88C92IV-F	None			
XR88C92IVTR-F	None			
XR9240CB-F	9240CB-F	X	X	Part number change only.
XRA1200IL16-F	None			
XRA1200PIL16-F	None			
XRA1207IL24-F	None			
XRA1207IL24TR-F	None			
XRA1404IL16MTR-F	None			
XREC10067320	None			
XREC10237210	None			
XREC10417230	None			
XRP1117ESETR-33-F	SPX1117M3-L-3-3/TR		X	Replacement is an equivalent pin compatible product.

XRP1117ESETR-F	SPX1117M3-L/TR		X	Replacement is an equivalent pin compatible product.
XRP2523ISTR-F	SP2525A-2EN-L/TR	X		Replacement has similar function.
XRP2524IDTR-F	SP2526A-2EN-L/TR	X		Replacement has similar function.
XRP2525IDTR-1-F	SP2525A-1EN-L/TR	X		Replacement has similar function.
XRP2525IDTR-2-F	None			
XRP2526IDTR-2-F	XRP2526IDTR-1-F		X	Flag output now active high.
XRP2527IHBTR-1-F	SP2525A-1EN-L/TR	X		Replacement has similar function.
XRP2528IHBTR-1-F	SP2526A-1EN-L/TR	X		Replacement has similar function.
XRP7618IGBTR-F	None			
XRP7674IDTR-F	XRP7664IDTR-F		X	Replacement does not have PFM.
XRP7675IDBTR-F	XRP7665IDBTR-F		X	Replacement does not have PFM.
XRP7714ILB-NCR1-F	XRP7714ILBTR-NCR1-F	X	X	Packaging available: Tape and reel only
XRP7714ILB-NCR2-F	XRP7714ILBTR-NCR2-F	X	X	Packaging available: Tape and reel only
XRP7714ILBTR-AL02-F	None			
XRP7725ILBTR-F	XRP7725ILB-F	X	X	Packaging available: Bulk only
XRP7740ILBTR-F	XRP7740ILB-F	X	X	Packaging available: Bulk only
XRT6164AIP-F	None			
XRT6166CDTR-F	None			
XRT7300IVTR-F	None			
XRT75L00IV-F	XRT75VL00IV-F	X		99% pin compatible except TXDRIVER termination is different.
XRT75L00IVTR-F	XRT75VL00IV-F	X		99% pin compatible except T.XDRIVER termination is different
XRT75L04IVTR-F	XRT75L04IV-F	X	X	Packaging available: Bulk only



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XRT75R12IB	XRT75R12IB-L	X	X	Replacement is lead free version.
XRT8220IW-F	XRT82D20IWTR-F	X		Replacement is a Single Ch E1 LIU without C/R.
XRT86SH328IB	None			
XRT86SH328IB-F	None			
XRT91L31IQTR-F	XRT91L31IQ-F	X	X	Packaging available: Bulk only
XRT91L32IQ-F	XRT91L31IQ-F	X		Replacement has improved Jitter Transfer used for loop timing applications.
XRT91L32IQTR-F	XRT91L31IQ-F	X		Replacement has improved Jitter Transfer used for loop timing applications.

Purchase orders will be accepted as indicated below on a non-cancellable, non-returnable basis provided there is inventory remaining at the time of order placement. ** Subject to product availability. No reschedules will be allowed.

Last order date:	January 11, 2018
Last ship date:	July 11, 2018

Please check inventory availability with your distributor or Exar Customer Service Representative before attempting to place an order.

Note to distributors: All LTB purchase orders must be submitted manually.

If you should have any questions regarding this notice, please contact Lisa Bedard via email at lbedard@maxlinear.com or customersupport@exar.com.