

# Waverunner LT Technical Specifications (continued)

## BASIC TRIGGERS

Edge/Slope/Window/Line	Triggers when signal meets slope and level condition
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## SMART TRIGGERS

State or Edge Qualified	Triggers on any input source only if a defined state or edge occurred on another input source. Delay between sources is selectable by time or events.
Dropout	Triggers if signal drops out for longer than selected time between 25 ns and 20 s
Pattern	Logic combination of 5 inputs (3 on two-channel models); Each source can be high, low, or don't care. Triggers entering or exiting the pattern
TV-Video	Triggers selectable fields (1, 2, 4, or 8) for NTSC, PAL SECAM, or nonstandard video (up to 1,500 lines)

## SMART TRIGGERS WITH EXCLUSION TECHNOLOGY

Signal or Pattern Width	Triggers on glitches or on pulse widths selectable from < 2.5 ns to 20 s or on intermittent faults
Signal or Pattern Interval	Triggers on intervals selectable between 10 ns and 20 s
Slew Rate*	Triggers on edge rates; select limits for dV, dt, and slope. Select edge limits between 2.5 ns and 20 s.
Runt*	Positive or negative runts defined by two voltage limits and two time limits. Select between 2.5 ns and 20 ns.

## HARD COPY

	Print Screen is activated by a front-panel button or remote control. Store screen image files or print to external printers including network printers and directories. Network printing and file access requires the LAN10BT Ethernet option.
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## SUPPORTED PRINTERS

B/W	LaserJet, DeskJet, Epson An optional, internal high-resolution graphics printer is also available for screen dumps; stripchart output formats capable of up to 200 cm/div
Color	DeskJet 550C, Epson Stylus, Canon 200/600/800 series, HP7470 and HP7550
Hard Copy Formats	TIFF b/w, TIFF color, BMP color, BMP compressed, and HPGL

## WAVEFORM OUTPUT

	Store Waveforms on floppy disk or optional PC-Card Hard Drives and memory cards Save any trace you choose and select Auto-Store to automatically store the waveform after each trigger
Output Formats	The ASCII waveform output is compatible with spreadsheets, MATLAB, Mathcad, etc. Binary output is also available for reduced file size.

## DOCUMENTATION

Included with Waverunner LT Oscilloscopes	Operator's Manual — hard copy Remote Programming Manual — hard copy CD-ROM — PDF formatted manuals plus software utilities including ScopeExplorer, ActiveDSO, MaskMaker, DSO-Filter, and DSONet Print Gateway
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\*Optional Advanced Trigger Package

# Waverunner LT Ordering Information

## WAVERUNNER LT DIGITAL OSCILLOSCOPES

	PRODUCT CODE
1 GHz, 2 GS/s, 250 kpts/Ch, 4 Channel Color	LT584
500 MHz, 2 GS/s, 250 kpts/Ch, 4 Channel Color	LT374
500 MHz, 2 GS/s, 250 kpts/Ch, 2 Channel Color	LT372
500 MHz, 1 GS/s, 250 kpts/Ch, 4 Channel Color	LT354
350 MHz, 1 GS/s, 100 kpts/Ch, 4 Channel Color	LT264
350 MHz, 1 GS/s, 100 kpts/Ch, 2 Channel Color	LT262

## INCLUDED WITH STANDARD CONFIGURATION

10:1 10 M $\Omega$ Passive Probe (1 per channel)	PP006A
Operator's Manual, Quick Reference Guide, CD-ROM with OM/RCM PDF manuals, and utility software	WR2-OMCD-E
Operator's Manual	WR2-OM-E
Remote Control Manual	WR2-RCM-E
Floppy Disk Drive	
GPIO, RS-232-C, Centronics Parallel Port, VGA Video Output Port	
Protective Front Cover	
Performance Certificate	
3-Year Warranty	

## MEMORY OPTIONS

	LT264	4-Channel Scopes LT354	LT374	LT584	2-Channel Scopes LT262	LT372
M: 1 Mpts/Ch	•	•	•	•	N/A	N/A
ML: 2 Mpts/Ch	•	•	N/A	N/A	•	N/A
L: 4 Mpts/Ch	N/A	N/A	•	•	N/A	•

## HARDWARE OPTIONS

Internal Graphics Printer	WR2-GP02
10Base-T Ethernet LAN Option	LAN10BT
PC Card Slot	PCSL0T
PC Card Slot including 1 hard drive card and 1 memory card	PCMEDIA

## SOFTWARE OPTIONS

Wave Analyzer Analysis Package	WAVA
Jitter Analysis and Wave Analyzer	JTWA
Extended Math and Measurement Package	EMM
Jitter and Timing Analysis Package	JTA
Digital Filter Package	DFF
Surface Map Analysis Package	SMAP
Disk Drive Measurements	DDM
Supplementary Disk Drive Measurements	PRML
Advanced Optical Recording Measurements	AORM
Power Measure Analysis Software	PMA1
Advanced Trigger Package	ATP
PolyMask Mask Testing Software	PMSK

\*\* Option only for  
LT37X, LT35X and  
LT58X series

## SELECTED ACCESSORIES

1.5 GHz Active Probe	HFP1500
1 GHz Active Probe	HFP1000
Differential Probe	ADP300 series
Current Probe	CP and AP series
Differential Amplifiers	DA1800 series
50 $\Omega$ to 75 $\Omega$ Adapter	PP090
Oscilloscope Carts	OC1021, OC1024
Graphic Printer Paper/10 Rolls	GPR10

## SERVICE AND EXTENDED WARRANTIES

US NIST Standard Calibration	CCNIST
US Military Standard Calibration	CCMIL
Swiss OFMET Standard Calibration	CCOFMET
5-Year Warranty at time of scope purchase	W5
5-Year Warranty and NIST Calibration at time of scope purchase	T5