

Teradyne Production Board Test Product Support Status

May 19, 2021

Definitions of terms:

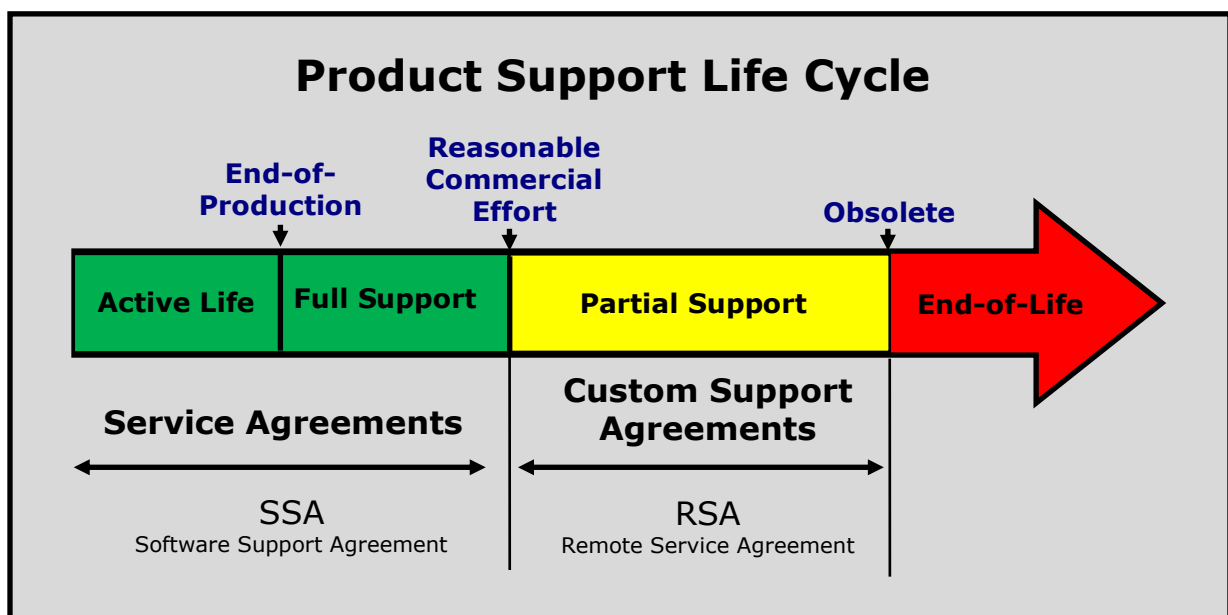
Active Life is the time during which a product is being actively sold by Teradyne. Full hardware and software support is available for all products during their active life.

End-Of-Production is the term that is used to describe products that have been discontinued and are no longer actively manufactured by Teradyne (although certified factory refurbished models may still be available through Teradyne's Broker business). End-Of-Production products fall into one of the following three Support categories: *Full, Partial, or End of Life*.

Full Support indicates that the product was discontinued within the last seven years and is fully supported by Teradyne's Commercial Board Test Group. This means that all the latest software releases, software patches, and new product features are verified to work on this product. Testers in this support category are also fully supported by Teradyne's global service and support organizations. Hardware and software service and support agreements can be purchased through Teradyne after the system's warranty expires.

Partial Support indicates that no further software or hardware enhancements are planned for the product. This product may not support the latest Teradyne software releases and product enhancements. Software support is limited to critical bug fixes only after verification by Teradyne. Hardware, application, and maintenance services to support these testers can still be obtained from Teradyne's global support and service organizations. Teradyne will provide "reasonable commercial effort" in an attempt to satisfy customer support and service requests.

Obsolete indicates that this product was discontinued more than seven years ago and is in the end-of-service support category. These products do not support the latest Teradyne software releases and product enhancements. Teradyne makes no commitments for parts availability or support of any kind and will provide reasonable commercial effort in an attempt to satisfy customer support and service requests.



Active Production Board Test Products:

The following Commercial Board Test products as of the date on page 1 of this document are sold by Teradyne and in the **Active Life** support category:

TestStation In-Circuit Test Family:

Models	Pin Options	Max Pincount	Max Real Pincount
TestStation LH	Ultra II 121	2048	2048
(121 can be mixed with 121a)	Analog 121a	2048	No Digital Pins
(128L can be mixed with 124)	Ultra II 124	2048	512
	Ultra II 124L	4096	1024
	Ultra II 128L	4096	512
TestStation	Ultra II 121	3840	3840
(121 can be mixed with 121a)	Analog 121a	3840	No Digital Pins
	Ultra II 124	3840	960
TestStation LX	Ultra II 121	3840	3840
(121 can be mixed with 121a)	Analog 121a	3840	No Digital Pins
(128L can be mixed with 124)	Ultra II 124	3840	960
(128HD can be mixed with 128L)	Ultra II 124L	7680	1920
	Ultra II 128L	7680	960
	Ultra II 128HD	15360	1920
TestStation Duo	Ultra II 121	1536 per module	1536 per module
<ul style="list-style-type: none"> Concurrent test system with two independent test modules 	Analog 121a		No Digital Pins
	Ultra II 124		384 per module
TestStation Rackmount	Ultra II 121	2048	2048
<ul style="list-style-type: none"> TestStation instruments in 19" rack Supports custom integration into board handlers 	Analog 121a		No Digital Pins
	Ultra II 124		512
TestStation Multi-Site Inline/Offline/Asynchronous 51, 52	Ultra II 121	640 per site	640 per site
<ul style="list-style-type: none"> Concurrent test system with two test sites TestStation instruments in 19" rack Supports a custom integration into board handlers or TestStation Inline Handler 	Analog 121a	640 per site	No Digital Pins
	Ultra II 124	640 per site	160 per site
	Ultra II 124L	1280 per site	320 per site
	Ultra II 128L	1280 per site	160 per site
	Ultra II 128HD	2560 per site	320 per site
Available Options			
TestStation PXI Functional Expansion Board			
Multi-Function Application Board {previously known as Custom Function Board (CFB)}			
Alliance 2G Power Supply			

Spectrum Manufacturing Test Platform:

Models	Software Version	PC Upgrade
Spectrum 8862 (TestStation SE)	5.2	Yes – Windows 7 OS
Available Options		
CC2a Channel Card		

Discontinued Production Board Test Products and Support Status:

The following table shows a list of the Commercial Board Test products that have been discontinued and are currently in End-Of-Production, along with information regarding their support status and recommended replacement models.

Tester models listed in the direct replacement column indicate that test fixtures and programs running on the discontinued tester can be moved to the replacement model with no fixture or program modifications.

Tester models listed in the indirect replacement column indicate that test fixtures and programs running on the discontinued tester may require fixture converters and program modifications before they can be moved to the replacement model.

Systems:

System Type	Models	Support Category	Supported Software	Direct Replacement	Indirect Replacement
Spectrum 8862 (TSSE)	8862 TSSE	Full	Latest		TestStation Systems
Spectrum 8855XP	8855XP	Full	Latest		TestStation Systems
TS12X	TS121 TS124 TS124L TS128 TS128L	Full	Latest	TestStation TestStation TestStation LX TestStation TestStation LX	
XStation	MX	Partial			
Stinger	2281A 2287A	Partial	Ver: 5.9/4.9	TSLH w/121a or 124 boards	
TestStation TSM	TSM121 TSM124 TSM128	Partial	Ver: 5.8/4.8 Windows XP	TSLH w/ 121 TSLH w/ 124 TSLH w/ 124	TS w/121 TS w/124 TS w/124
GR228X	2280 2281 2281i 2282 2283 2284 2286 2287	Partial	Ver: 5.8/4.8 Windows XP	TSLH w/124 TSLH w/124 TS w/124 TSLH w/124 TSLH w/124 TS w/124 TS w/124 TSLX w/128L TSLX w/124L	TS w/124 TS w/124 TSLH w/128L TS w/124 TS w/1254 TSLH w/128L TSLH w/124L

	2287L 2287LX 2288				TSLH w/124
TS8X	TS80 TS81 TS83 TS84 TS86 TS87 TS87L TS87LX	Partial	Ver: 5.8/4.8 Windows XP	TSLH w/124 TSLH w/124 TSLH w/124 TSLH w/124 TS w/124 TSX w/128L TSX w/124L	TS w/124 TS w/124 TS w/124 TSLH w/128L TSLH w/124L
Spectrum 88XX	8800 8801 8811 8812 8831 8832 8835 8850 8851 8852	Partial	5.2	Spectrum 8862/ TestStation SE	
Spectrum 89XX	8911 8912 8951	Partial	5.2	Spectrum 8862/ TestStation SE	
XStation HS, Combo	4005 4010 4011 7005 7010	Obsolete			
Accelerate Series	2287AA	Obsolete	Ver: 580/480		TestStation TSR
CXI & MV X-Ray	CXI 3300 CXI 3600 CXI 3800 CXI 5600 CXI 5700 MV 6100	Obsolete			TestStation SE/8862
GR227X	2270 2275	Obsolete	Ver: 8.x		TestStation TSLH
GR228X e-series	GR2283E GR2284E GR2285E GR2286E GR2287E GR2289E	Obsolete			TestStation
Viper	2900 2903 2904 2905	Obsolete	Ver: 3.0 patch 6		
Z18XX	1800 1803 1805 1808 1811 1812 1820 1840 1850 1860 1866 1880 1884 1888	Obsolete			TestStation LH TestStation SE/8862

	1890				
Z8XX	Z800 Z809 Z810 Z850 Z860 Z875	Obsolete			TestStation SE/8862

Parts/Options:

The following table shows the status of accessory boards and other options that can be installed in Commercial Board Test products. Service and repair of discontinued accessory boards are based on a swap and/or repair system; therefore limited support is available only as long as necessary parts are available.

Discontinued Options	System Type	Repair/Exchange	Recommended Replacement
CC3 Lightning Channel Card	Spectrum 88xx	Yes	
ClearVue, TraX	XStation MX	No	
Analog Functional Test Module (AFTM)	TestStation GR228X	Yes	TestStation w/ In-Circuit Analog (ICA) instrument and System Frequency/Time Module (SFTM)
Frequency Time Instrument (FTI)	TestStation GR228X	Yes	TestStation w/ System Frequency/Time Module (SFTM)
Alliance User Power Supplies	GR228X TS8X TestStation	Yes	Alliance 2G Power Supply
M9-Series Digital Instrument	M-917 M-918 M-921 M-925 M-927 M-967	Yes	Di-Series Digital Instrument
Hamamatsu Detector	XStation MX	No	
UltraPin Control Board Set (Combo CST, HSL, DSREF, MTG)	GR228X TS8X TS12X	Yes	System upgrade required
Deep Serial Memory DSM I & II	GR228X TS12X TS8X	Yes	Requires a system upgrade and utilizes the Integrated DSM on new TestStation systems
UltraPin I	TS12X	Yes	Requires a system upgrade to go to Ultrapin II
Spectrum Channel Cards: CCH, CC1, CC2	Spectrum 88XX	Yes	CC2a Channel Cards
Combo I, II	GR228X TS8X	Yes	

ICA Upgrade	GR228Xe	N/A	
Vehicle Control Interface (VCI)		N/A	

Software & PC Upgrades:

Discontinued Options	System Type	Last Version Support	Recommended Replacement
Navigate Software	TestStation Gr228X	6.4.1	TestStation Ultrapin systems with TestStation Pro Software
228X / Monitor Pages Software	GR228X	6.4.1	TestStation Ultrapin systems with TestStation Pro Software

PC Support Status and PC Upgrade Policy:

This section describes Teradyne’s supported PC configurations and Teradyne’s policy for upgrading PCs on older Commercial Board test equipment.

The PC controller consists of the tester PC, the operating system, and special PC plug-in cards that are used to communicate with the in-circuit tester instrumentation. The PC controller used on Teradyne ICT products is specially configured and tested to work on our products. The use of alternative, non-standard PCs that have not been qualified and approved by Teradyne are not supported.

Windows XP:

Older test models that are obsolete cannot be upgraded to use the latest PC Controller and Windows XP operating system. Teradyne recommends upgrading to the latest system models.

Microsoft Windows XP Professional for Embedded Systems will no longer be available after September 30, 2016. Microsoft discontinued technical support for this operating system in April 2014. Teradyne cannot guarantee support and orders will not be taken after December 31, 2016.

Windows 7:

Older test models that are obsolete cannot be upgraded to use the latest PC Controller and Windows 7 operating system. Teradyne recommends upgrading to the latest system models.

Customers can receive newer versions of TestStation or Spectrum software by renewing their ICT product Software Support Agreement.

Contact Teradyne:

Sales and Support Assistance

Contact Teradyne’s Customer Care Center for technical support 24/7.

Toll free: **1 800 TERADYNE**

cs1@teradyne.com – Customer Support | Teradyne Production Board Test

atd-parts-sales@teradyne.com – Discuss your upgrade options