Tektronix®

Tektronix
MSO 73304DX Mixed Signal Oscilloscope
DPX
33 GHz
100 GS/s
Ch 1
Ch 2
Ch 3
Ch 4
Aux In
LOGIC CHANNELS

MSO/DPO70000DX

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Ç 33 GHz 9 psШ

Ç 33 GHz 2 33 GHz

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Ç 2 100 GS/s 33Ч25Ч23Ч20Ч16

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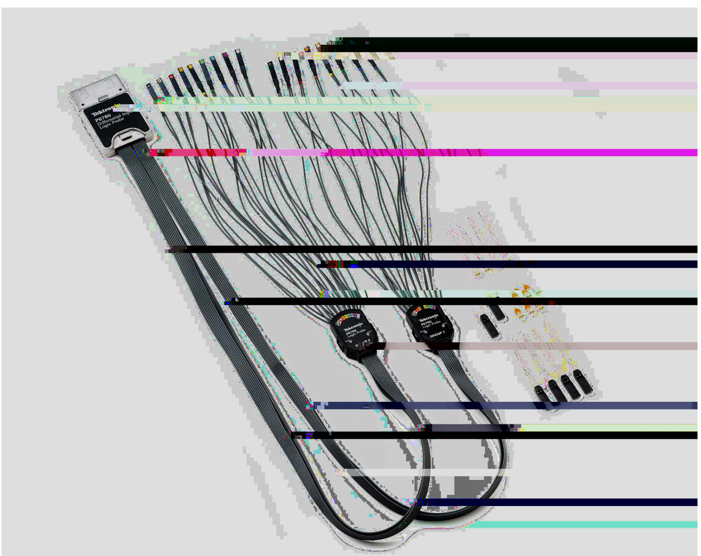
DPO72504DX	25 GHz	100 GS/s / 50 GS/s	62.5 MS	4	ò
MSO72504DX	25 GHz	100 GS/s / 50 GS/s	62.5 MS	4	16
DPO73304DX	33 GHz	100 GS/s / 50 GS/s	62.5 MS	4	ò
MSO73304DX	33 GHz	100 GS/s / 50 GS/s	62.5 MS	4	16

P7633 ... Â



P6780 ... 16 ... Â

16 ^ MSO70000DX ↓˜

4 16
MSO70000DX
MSO70000DX 80 ps
20

iCapture™ – ... ^ MSO70000DX ↓˜

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iCapture ì

16 MSO70000DX
iCapture ì

DDR SDRAM
MSO/DPO70000DX

MSO/DPO70000DX
C ∫M D ”P $ 0”P 3F@

TPO70000DX MSO70000DX -
Q 0@MS m $ $ 4€ ü! ðL@

MSO70000DX

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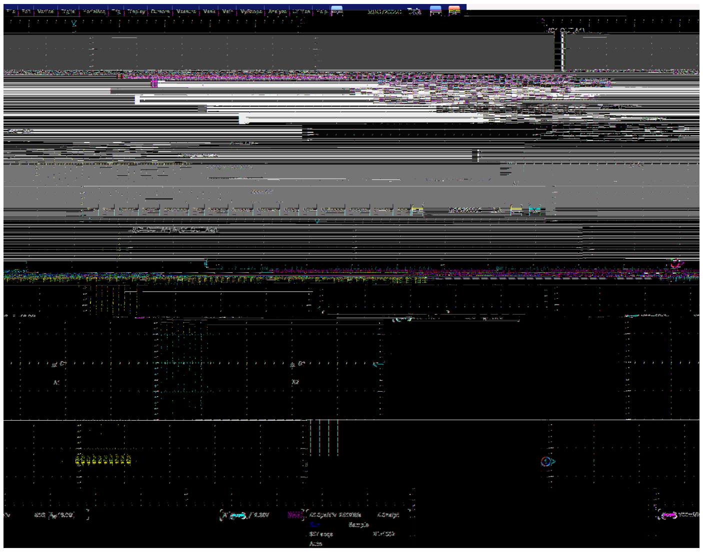
MSO/DPO70000DX
NRZ
Ш Ч
Ч Ш
MSO/DPO70000DX ST6G Ш
USB 3.0 8b/10b

OR [illegible]



10 [illegible]

MSO/DPO70000DX

MSO/DPO70000DX

YT

XY

53

Excel Microsoft Excel

Word MSO/

DPO70000DX

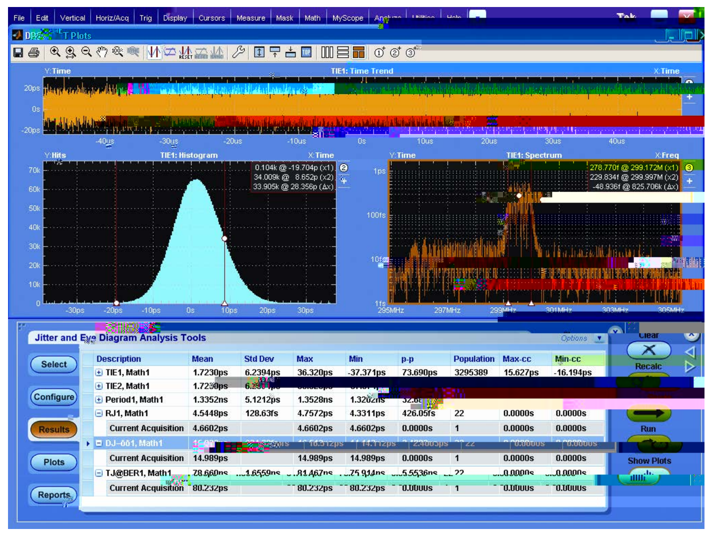
DPOJET

MSO/

DPO70000DX DPOJET DPOJET

DPOJET

(ADK) DPOJET



DPOJET [illegible] DPOJET [illegible] DPOJET [illegible]

DPO7OE1 DPOJET

(ER) (AOP) (OMA)

BER

MSO/DPO70000DX 8b/10b

6 Gb/s PCIe ЧUSB3.0 SA TA Ш
8b/10b
Ч Ш
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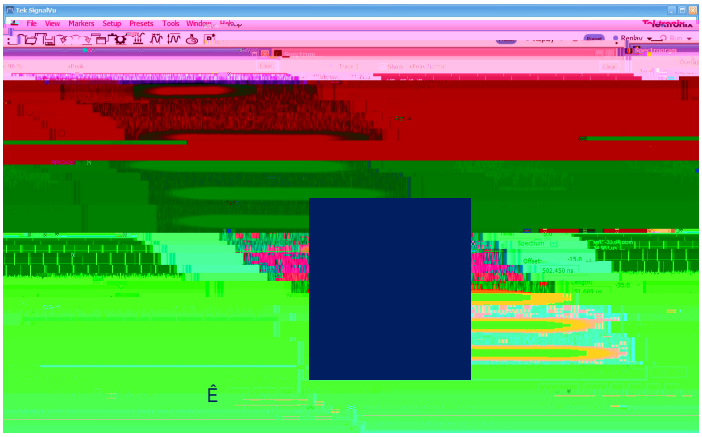
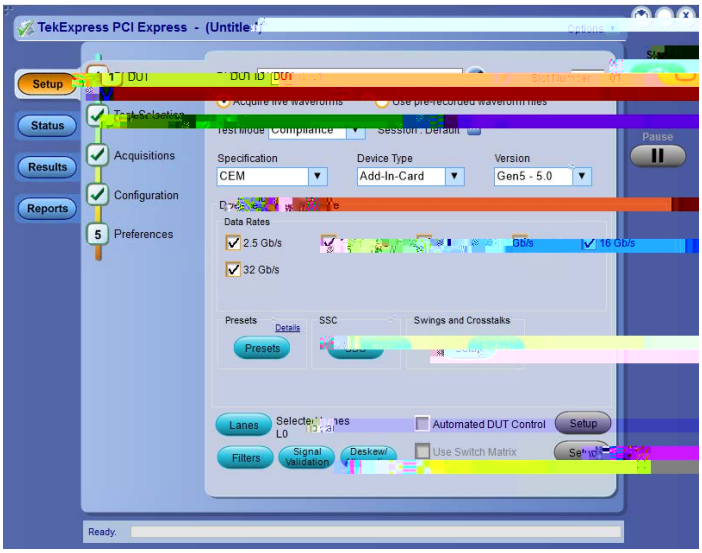
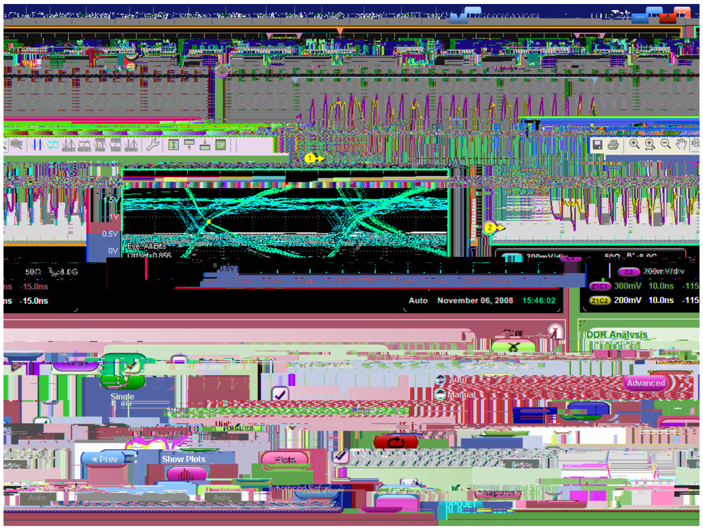
RRF
SignalVuÊ (Ч Ч Ч
) ШSignalVu Ê
Ш
Ш
SignalVu IEEE
802.11 a/b/g/j/p/n/ac [1].

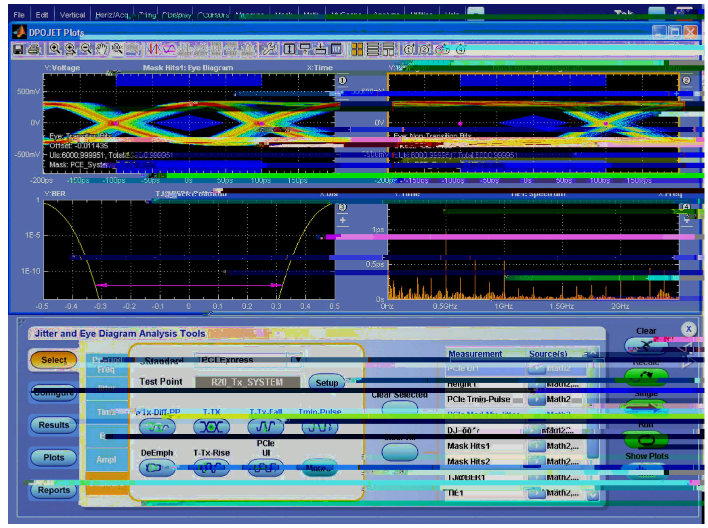


SignalVuSÇ

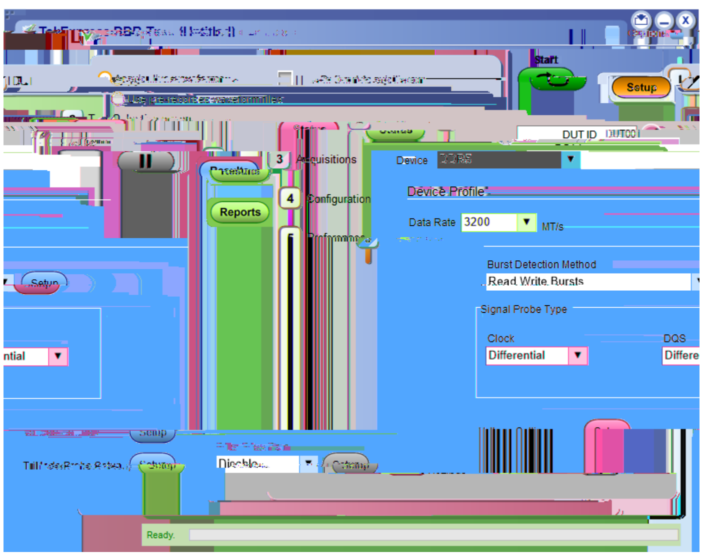

TekExpress PCI Express - (Untitle
Setup
Status
Results
Reports
1 DUT
Test Selection
Acquisitions
Configuration
5 Preferences
DUT ID
Test Mode
Compliance
Session : Default
Pause
Specification
CEM
Device Type
Add-In-Card
Version
Gen5 - 5.0
Data Rates
2.5 Gb/s
16 Gb/s
32 Gb/s
Presets
Details
SSC
Swings and Crosstalks
Lanes
L0
Automated DUT Control
Setup
Filters
Signal Validation
Deskew
Use Switch Matrix
Ready.



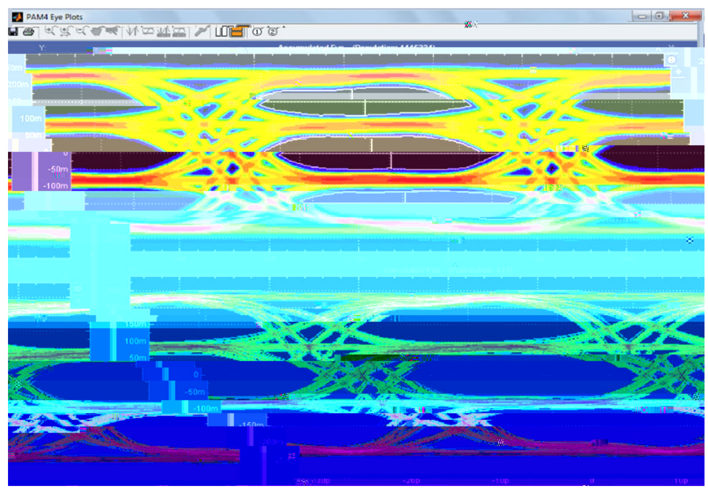
DDR ... DDRA ä DDR-LP4 ... DDR1 ä LPDDR1 ä DDR2 ä LPDDR2 ä DDR3 ä LPDDR3 ä DDR4 ä LPDDR4/LPDDR4X ... GDDR3 ... JEDEC ... DDRA ... DDRA ... DPOJET ... DDRA ... 16 ... MSO70000DX ...



PCI Express® ... PCE3 ä PCE4 ... PCE5 ... PCI Express® Rev 1.0ä 2.0ä 3.0ä 4.0ä 5.0 ... DPOJET ä ... PCE3 ä PCE4 ... PCE5 ... PCI-SIG ...

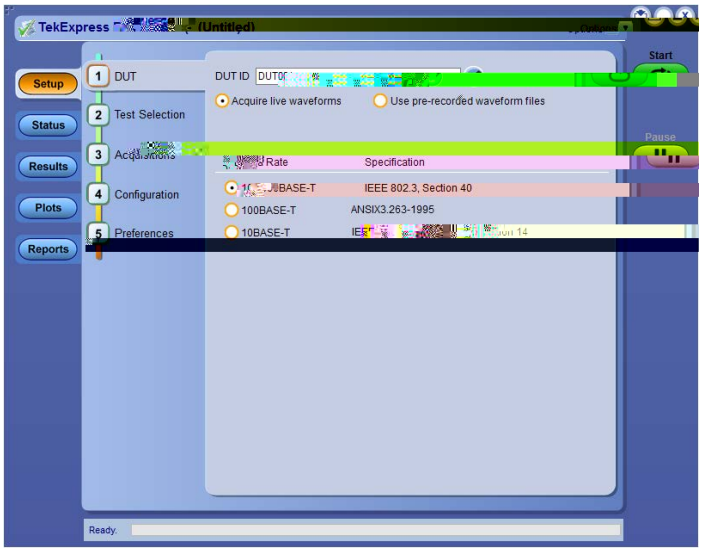


... DDR5SYS ä LPDDR5SYS ... TekExpress DDR Tx ... DDR ... DDR5 ... LPDDR5 ... JEDEC ... JEDEC ... TekExpress DDR Tx ...

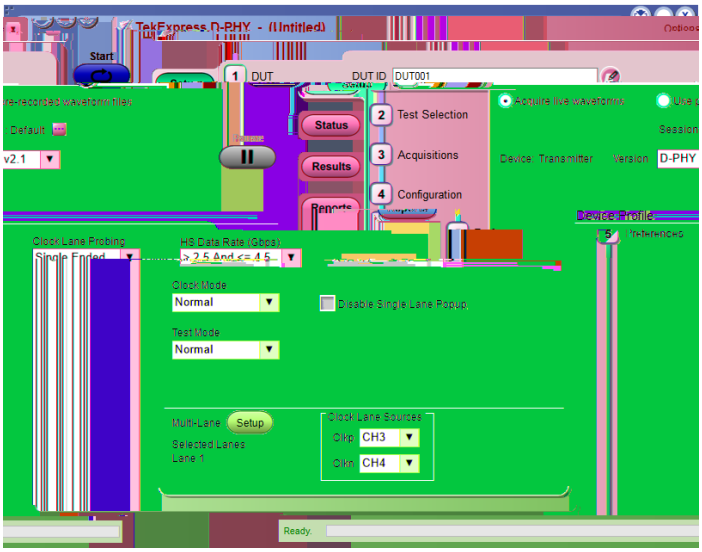


NRZ ... PAM4 ... MSO/DPO73304DX ... 10GBASE-KRn ... MSO/DPO70000DX ... DPO70000SX ... DPOJET ... PAMJET ... SDLA ...

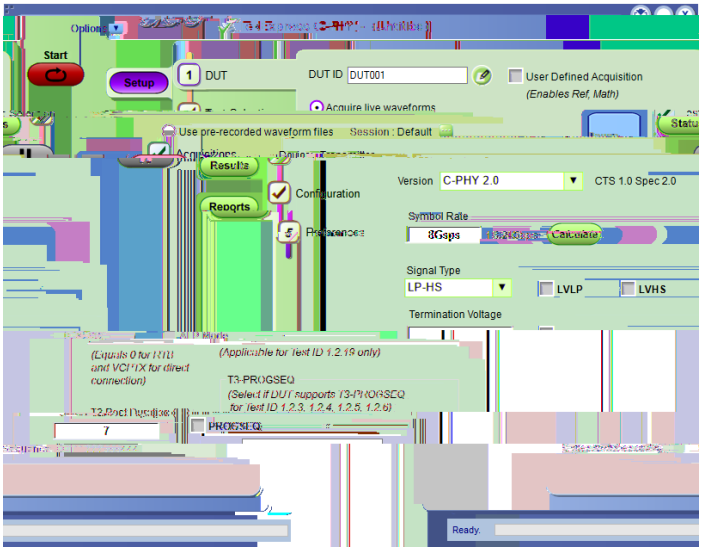
PAM4 ... PAMJET ... PAM4



TekExpressÝ ^ CMENET3 ˜ – ˙ Tektronix®
TekExpressÝ Í Ð˘ Ч Ý µ¿Ý Ч
10BASE-Tä 100BASE-TX é 1000BASE-T µ¿Â ä ¯ Ш
Ðé = Ш ĶŋÂ



TekExpress D-PHY Exp1



TekExpress C-PHY^ CPHY20 ˜ - TekExpress® C-PHY ÿ ˝
é ˙ = ˘ MIPI C-PHY v2 Ð v1.1é
v1.0 Ţ ЧÂ TekExpress C-PHY _ ˙ Ш Ý
é C-PHY Â

20XL	250 M/Ch	X	-	-
50XL	1 G/Ch 2 Ч500 M/Ch 4	X	-	-
XL02	2XL (31.25 M/Ch)	-	-	X
XL05	5XL (62.5 M/Ch)	-	X	X
XL010	10XL (125 M/Ch)	-	X	X
XL020	20XL (250 M/Ch)	-	X	X
XL050	50XL 1G/Ch 2 Ч 500M/Ch 4	-	-	X
XL25	2XL (31.25M/Ch) 5XL (62.5M/Ch) -		X	-
XL210	2XL (31.25M/Ch) 10XL (125M/Ch) -		X	-
XL220	2XL (31.25M/Ch) 20XL (250M/Ch) -		X	-
XL250	2XL (31.25M/Ch) 50XL 1G/Ch 2 Ч500M/Ch 4	-	X	-
XL510	5XL (62.5 M/Ch) 10XL (125 M/Ch) -		X	-
XL520	5XL (62.5 M/Ch) 20XL (250 M/Ch) -		X	-
XL550	5XL (62.5 M/Ch) 50XL 1 G/Ch 2 Ч500 M/Ch 4	-	X	-
XL1020	10XL (125 M/Ch) 20XL (250 M/Ch) -		X	-
XL1050	10XL (125 M/Ch) 50XL 1 G/Ch 2 Ч500 M/Ch 4	-	X	-
XL2050	20XL (250 M/Ch) 50XL 1 G/Ch 2 Ч500 M/Ch 4	-	X	-

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SSD	Microsoft Windows 10 ЧТ ekScope	X	-

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Ч ШóXô Шó-ô Ш

SR-810B	8b/10b	X	X	X
SR-AERO	(MIL-STD-1553)	X	X	X
SR-AUTO	(CAN/LIN/FlexRay)	X	X	X
SR-COMP	(RS232/422/485/UAR T)	X	X	X
SR-CUST		X	X	X
SR-DPHY	MIPI D-PHY (DSI1 / CSI2)	X	X	X

SR-EMBD	I2C ЧSPI	X	X	X
SR-ENET	10BASE-T 100BASE-TX	X	X	X
SR-PCIE	PCI Express Gen 1 Ч2 Gen 1Ч2Ч3Ч 4Ч5	X	X	X
SR-USB	USB	X	X	X
SSIC	SSIC	X	-	X
ST6G	6.25 Gb/s Ш NRZ 8b10b Ш SR-810B	X	X	X
VET		X	-	X
VETH	70K <12 GHz	-	X	-
VTHU	70K >12 GHz	-	X	-

DDR5SYS	TekExpress DDR Tx - DDR5 Tx / Ш DJAЧSDLA64ЧVET	X	X	X
DDRA	DPOJET DDR Tx - DDRЧDDR2 Ч DDR3ЧDDR3LЧDDR4 ЧLPDDRЧLPDDR2 ЧLPDDR3 Ч GDDR3ЧGDDR5 DJA	X	X	X
DJA	DPOJET -	X	-	X
DJAN	DPOJET ñ DJA	X	X	X
DP12	TekExpress DisplayPort - DisplayPort 1.2 Tx DJA	X	X	X
DP14	TekExpress DisplayPort - DisplayPort 1.4 Tx DJAЧSDLA	X	X	X
DP20	TekExpress DisplayPort 2.0 Tx / CIOЧDJAЧSDLA	X	X	X
DPHY12	TekExpress MIPI D-PHY 1.2 Tx DJA	X	X	X
DPHY21	TekExpress MIPI D-PHY 2.1 Tx DJA	X	X	X
EARC21RX	Rx HDMI 2.1 eARC	X	X	-
EARC21TX	Tx HDMI 2.1 eARC	X	X	-
EDP	DPOJET DisplayPort 1.2 Tx DJA	X	X	X
EDP14	DPOJET DisplayPort 1.4 Tx DJA	X	X	X
ERRDT	ST6G	X	-	X
ERRDTH	70k <12 GHz ST6G	-	X	-
ERRDTU	70k >12 GHz ST6G	-	X	-
HD21DS	TekExpress HDMI 2.1 Rx HD21	X	X	X
HD21DSM	TekExpress HDMI 2.1 Rx HD21DS	X	X	X
HDM	TekExpress HDMI 2.0 Tx DJA	X	X	X
HDM-DS	TekExpress HDMI 2.0 Rx Ш AWG70k HDMI 1.4 Rx Ш HDM	X	X	X
HD-DSM	TekExpress HDMI 2.0 Rx HDM-DS	X	X	X
HSIC	DPOJET HSIC Tx DJAЧSR-CUST	X	X	X
HT3	TDSHT3 - HDMI 1.4	X	X	X
HT3DS	TDSHT3 - HDMI 1.4 Rx HT3	X	X	X

SFP-WDP	TekExpress SFP+ QSFP+ Tx - SFP-TX	X	X	X
SWX-DP	DisplayPort 1.2 Tx DP12	X	X	X
SWX-PCE	PCIe Tx PCEЧPCE3Ч PCE4	X	X	X
TBT-TX	TekExpress Thunderbolt 2	X	X	X
TBT3	TekExpress Thunderbolt 3 Thunderbolt 4 Tx / CIOЧDJAЧSDLA64	X	X	X
USB-TX	TekExpress USB 3.0 Tx DJA	X	X	X
USB2	TekExpress USB 2.0	X	X	X
USB4	TekExpress USB4 Tx DPOJET USB4 Tx/Rx CIOЧDJAЧSDLA64	X	X	X
USBPWR	USB /EPS	X	X	X
USBSSP-TX	TekExpress USB 3.1 Tx 5Gb 10Gb DJAЧUSB-TX	X	X	X
USBSSP-UP	TekExpress USB 3.0 (5Gb) T ekExpress USB 3.1 (10Gb)	-	X	X
XGBT2	TekExpress Tx - 10GBASE-T Ш IEEE 802.3 55	X	X	X

SV30	WiGig IEEE 802.11ad/ay SVE	X	X	X

DPO7SSD-W10 DPO7SSD-W10 NOL DPO7SSD-W10 M581	- W indows 10 G MSO/DPO70000C/DX Core i7-2600 (M581) Core i7-7700 (RX107Q) Windows 10 Windows 10 TekScope
DPO7SSD-W10 DPO7SSD-W10 UP DPO7SSD-W10 M581	- W indows 10 G MSO/DPO70000C/DX Core i7-2600 (M581) Windows 7 Windows 10 OS TekScope
DPO7SSD-W10 DPO7SSD-W10 NOL DPO7SSD-W10 M566	- W indows 10 G MSO/DPO70000C/DX Core 2 Duo (M566) Windows 10 Windows 10 TekScope
DPO7SSD-W10 DPO7SSD-W10 UP DPO7SSD-W10 M566	- W indows 10 G MSO/DPO70000C/DX Core 2 Duo (M566) Windows 7 Windows 10 OS TekScope 0 M Ñ 2 P : -

A11	‹	(50 Hz)
A12		(60 Hz)
A99		

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C3	‰ Ł 3		
C5	‰ Ł 5		
D1	‰	þ	
D3	3		C3
D5	5		C5
G3	3	Ч	
G5	5	Ч	
IF	˥	Ł	
R3	3		
R5	5		

DPO7OE1	33 GHz			
DPO7OE2	59 GHz			
P7633	33 GHz	T	riMode Ì	
P7630	30 GHz	T	riMode Ì	
P7625	25 GHz	T	riMode Ì	
P7720	20 GHz TriMode			
P7716	16 GHz TriMode			
P7713	13 GHz TriMode			
P7708	8 GHz TriMode			
P7520A	25 GHz TriMode Ì			
P7516	16 GHz TriMode Ì			
P7513A	13 GHz TriMode Ì			
P7313SMA	13 GHz TriMode Ì		SMA	

P7508	8 GHz TriMode Ì
P7506	6 GHz TriMode Ì
P7504	4 GHz TriMode Ì
P6780	№ ~
P6717A	
P6251	DC - 1 GHz 42 V TCA-BNC
TCPA300/TCPA400	↓
P5200A/P5205A/P5210A	∕ №
P77DESKEW	P7700 SMAЧ
067-2431-xx	SMA 30 GHz
067-0484-xx	‰ Ï (4 GHz)
067-1586-xx	Ï (>4 GHz)
067-1686-xx	Ï

TCA-1MEG	TekConnectÊ Ш P6139B
TCA-292MM	TekConnectÊ 2.92 mm 20 GHz
TCA-292D	TekConnectÊ 2.92 mm 33 GHz
TCA-BNC	TekConnectÊ BNC
TCA-N	TekConnectÊ N
TCA-SMA	TekConnectÊ SMA
TCA-VPI50	50 _ TekVPI T ekConnect
TCA75	23 GHz T ekConnectÊ 75 _ 50 ß 75 _ BNC

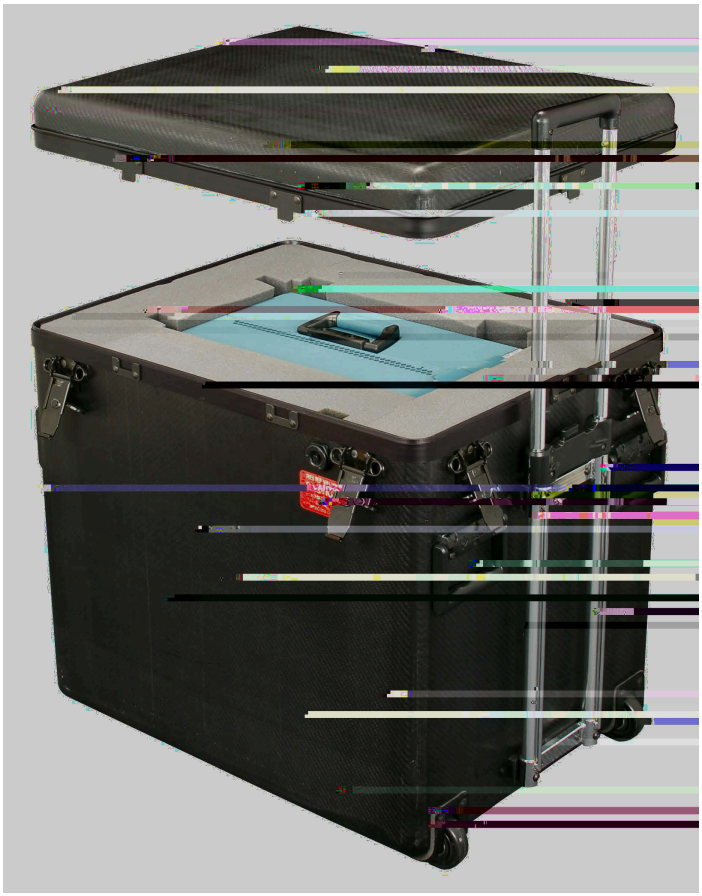
174-6663-01	' 2.92 2.92 mm 1.5 ps 500 mm 40 GHz
PMCABLE1M	βЧ ˘ 40 GHz 2.92 mm 1
174-6978-00	' 2.92 2.92 mm 1.5 ps 2 m 40 GHz
174-6664-01	' SMA SMA 1.5 ps 200 mm 20 GHz
174-6665-01	' SMA SMA 300 mm 20 GHz
174-6666-01	' SMA SMA 500 mm 20 GHz
174-6667-01	' SMA SMA 1.829 m 20 GHz
174-6658-01	' SMP SMP 2.5 ps 300 mm 20 GHz
174-6659-01	' SMP SMP 2.5 ps 1 m 20 GHz
012-0991-xx	G~ 1 m -(} ° 0 ÌÏÏ 6 0 3 0–”wÐ,€1 m

020-3021-00	Ü̈ K (4.57 m)
020-3031-xx	˜ ح
020-3033-xx	ح
020-3038-xx	ض
020-3042-xx	№ ح ´ ~
020-3034-xx	r
020-3037-xx	(4.57 m)

P6717A / Ð

067-2298-xx	Ẓ Íˆ
206-0559-xx	ض
131-5638-xx	
206-0569-xx	IC
352-1115-xx	№ ح
196-3501-xx	
196-3497-xx	ض

TDSUSBF	ÍˆG USB
TF-XGbT	¨ˇ XGbT 10GBASE-T
—	Y ÍˆÂ Crescent Heart Software (http://www .c-h-s.com)
TF-HEAC-TPA-KIT	HEAC TPA-KIT A C 2 ¦ TDR A 2 ¦ TDR C
TF-HDMI-TPA-S/STX	HDMI Rx/Tx C
TF-HDMIC-TPA-S/STX	TF-HDMIC-TPA-S/STX
TF-HDMIE-TPA-KIT	HDMI E
TF-HDMID-TPA-P/R	HDMI D
TF-MHL-TPA-TEK	MHL
S46-6666-A-AMER	Keithley Instruments RF/ 32
S46-6666-A-ASIAP	Keithley Instruments RF/ 32
S46-6666-A-EURAF	Keithley Instruments RF/ 32 /
TF-USB3-AB-KIT	USB 3.0 A/B /
TF-USB3-A-P	USB 3.0 A
TF-USB3-A-R	USB 3.0 A
TF-USB3-B-R	USB 3.0 B
TF-GBE-ATP	10/100/1000BASE-T PCBЧRJ45 1000BASE-T
TF-GBE-BTP	10/100/1000BASE-T PCB RJ45
TF-GBE-JTC	103 1000BASE-T 10ein 1ē Ð 10



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