# TRST-A10/TRST-A15 PrinterDriverfor WindowsXP/2000 User'sManual

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## **TOSHIBA TEC SINGAPORE PTE LTD**

Copyright(C)2009 TOSHIBATECSINGAPOREPTELTD Thisdocumentdescribestheprecautionsforusingt heTRST-A10/TRST-A15PrinterDriverfor WindowsXP/2000.

Thisdocumentassumesthatthereaderisfamiliarw iththefollowing:

- GeneralcharacteristicsofWindowsandPrinterDri verforWindows.
- GeneralcharacteristicsofTRST-A10/TRST-A15print er

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## **RevisionRecord**

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#### TRST-A10/TRST-A15–PrinterDriverforWindowsVISTA/XP/200 0User'sManual

Rev.No.	Date	Pages	Description	
01	Oct27,2009		Originalissue	
		37	Change Dual side printing to Dual side with Single e Side command and changeits description	
02	Nov6,2009	38	AddDualsidewithDoubleSidecommandanditsdes cription	
		33,42	UpdateGUIwhichsupportDualSidewithSingleSidec ommand	
		44	Addrestrictionsdescriptionfordualsideprinti ngcontrol	

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## 1 OperationEnvironment

Thisprinterdriverworkswithbelowenvironment.

os	Windows2000(SP4),WindowsXP(SP1,SP2,SP3)
I/F	Serial(RS232C),USB,Parallel,LAN(Ethernet)

## 2 HowtoinstallthePrinterDriver

## 2.1 Installbyplugandplay(AvailableonUSBI/F

- Setthe"PrinterClass" of USBType in the diagno
- ConnecttheprinterwithswitchedonandyourPC afterthat,goonto2.1.1("HardwareWizard")andf installation.

## andParallell/F)

sticsettings.

willdetectthenewprinter,

ollowtheoperationtoproceedthe

#### 2.1.1 HardwareWizard

\_

Select"Installthesoftwareautomatically(Recomme nded)".Click"Next>".

Welcome to the Found New Hardware Wizard
This wizard helps you install software for: TRST-A1x (E-TR)
If your hardware came with an installation CD
or floppy disk, insert it now.
what do you want the wizard to do?
<ul> <li>or floppy disk, insert it now.</li> <li>What do you want the wizard to do?</li> <li>Install the software automatically [Recommended]</li> <li>Install from a list or specific location (Advanced)</li> </ul>

Waitingforhardwarewizardtosearchdriver.

ınd New Ha Please wa	irdware Wizard it while the wizard se	arches		
4	TRST-A1x (E-TR)			
		2		
		C Real	Neuts	Cancel

#### Click"ContinueAnyway"toignorebelowwarningmes sage.

Printers has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why this testing is important.</u> ) Continuing your installation of this software may impa or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.	1	The software you are installing for this hardware:
has not passed Windows Logo testing to verify its compatibility with Windows XP. <u>(Tell me why this testing is important.)</u> Continuing your installation of this software may impa or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.		Printers
Continuing your installation of this software may impa or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.		has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why this testing is important.</u> )
		Continuing your installation of this software may impai or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has

#### Waitingforhardwarewizardtoinstallsthesoftwar e.

und New Hardware Wizard Please wait while the wizard installs the software		
TRST-A1x (E-TR)		
	( <u>Back</u> ) <u>N</u> ext> Cancel	

#### Click"Browse..."andselectthefolderwherethep



#### rinterdriverissaved.Click"OK".

#### Startcopyingthenecessaryfiles.

Copying Files	X
1	
To C:\WINDOWS\System3	2\sp\toshibatec_trst_a1x7873
1	

#### Click"OK"tocontinue.



#### Click"Browse..."andselectthefolderwherethep

Files Nee	fed	X
	The file 'E-TR.XPD' on TRST Printer Driver Disk is needed.	ОК
		Cancel
	Type the path where the file is located, and then click OK.	
	Copy files from:	
	C:\Documents and Settings\10159\Desktop\TRS' -	Browse

#### Startcopyingthenecessaryfiles.

12/15	2	
		$\bowtie$
E-TRBred.dll		
To C:\WINDOW	/S\System32\sp\tosl	hibatec_trst_a1x7873

#### rinterdriverissaved.Click"OK".

0

Click"Finish"tocomplete the installation.

Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Click Finish to close the wizard.
(< <u>B</u> ack ) Finish Cancel

Afterinstallationfinished, you'llseethe"TRST-A

1x(E-TR)"iconinthe"PrintersandFaxes"folder.



## 2.2 ManualInstallthrough"AddPrinter"wizard(Se riall/F)

#### 2.2.1 AddPrinter

Run"AddPrinter"wizardthroughthe"Printersand Faxes"folder.

Address 🍓 Printers and Faxes	
Add Printer	TRST-A1x (E-TR) 0 Ready

#### Click"Next>"onthebelowscreen.

This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.

 ${\it Select"} Local printer attached to this computer" an$ 

#### d doesnotcheck "Automaticallydetectand

installmyPlugandPlayprinter".Click"Next>".

Local o The	Network Printer wizard needs to know which type of printer to set up.
Selei	st the option that describes the printer you want to use:
0	cal printer attached to this computer
	utomatically detect and install my Plug and Play printer
OA	network printer, or a printer attached to another computer
į	To set up a network printer that is not attached to a print server, use the "Local printer" option.
	< Back Next > Cancel

Selecttheport(I/F)youwanttouseandclick"Ne xt>". Belowistheexampleforselecting"COM1"ofSerial I/F.

Computers communicate v	with printers through ports.
Select the port you want y new port.	our printer to use. If the port is not listed, you can create a
Use the following port:	COM1: (Serial Port)
Note: Most computers The connector for this	use the LPT1: port to communicate with a local printer. port should look something like this:
© Create a new port:	
© <u>C</u> reate a new port: Type of port:	Local Port

Click"HaveDisk..."onbelowscreen.

Select the man disk, click Have compatible prin	ufacturer an e Disk. If yo ter software	nd model of your printer. If your printer came with ur printer is not listed, consult your printer docum	an installation entation for
Manufacturer Agfa Alps Apollo Apole	*	Printers AGFA-AccuSet v52.3 AGFA-AccuSetSF v52.3 AGFA-AccuSet 800	C
APS-PS	÷.	AGFA-AccuSet 800SF v52.3	

Specifythefolderwheretheprinterdriverissave

d.Click"OK".



#### Click"Next>"onbelowscreen.

printer colturare to use
plinter software to use.
vinter. If your printer came with an installatio ted, consult your printer documentation for
Windows Update

Supplyanameforthisprinterwhichyouwanttous

e.Andifyouwanttousetheprinterasthe

defaultprinter, click "Yes". Click "Next>"tocon tinuetheinstallation.

<b>ime Your Printer</b> You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
TRST-AIX(E-TR)
Do you want to use this printer as the default printer?
O Yes
© Yes ● Ng
© Yes ● Ng
© Yes

Printer Wizard					
Printer Sharing You can share thi	s printer with othe	er network use	irs.		
If you want to sha suggested name o users. © Do not share the state of the state o	e this printer, you r type a new one	u must provide a. The share n	a share nan ame will be v	ne. You can use isible to other ne	the stwork
🔘 <u>S</u> hare name:					

Ifyouwanttoprintatestpage,select"Yes".Cli ck"Next>".

Add Printer Wizard	
Print Test Page To confirm that the printer is installed p	roperly, you can print a test page,
Do you want to print a test page?	
Yes	
© Ng	
	< <u>B</u> ack <u>N</u> ext ≻ Cancel

#### Click"Finish"tostartcopyingthenecessaryfiles

Comple Wizard	ting the Add Printer
You have suc You specified	ccessfully completed the Add Printer Wizard. I the following printer settings:
Name:	TRST-A1x (E-TR)
Share name:	<not shared=""></not>
Port	COM1:
Model:	TRST-A1x (E-TR)
Default:	No
Test page:	Yes
To close this	wizard, click Finish.
	< <u>B</u> ack Finish Cancel

.

Click"ContinueAnyway"toignorebelowwarningmes

1	The software you are installing for this hardware:
<u> </u>	Printers
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
	Continuing your installation of this software may impa
	or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

sageandtocompletetheinstallation.

#### Startcopyingthenecessaryfiles.



#### Afterinstallationfinished, you'llseethe"TRST-A

### 1x(E-TR)"iconinthe"PrintersandFaxes"folder.



## 2.3 ManualInstallthrough"AddPrinter"wizard(LA N)

#### 2.3.1 AddPrinter

Run"AddPrinter"wizardthroughthe"Printersand Faxes"folder.

Address 堤 Printers and Faxes	
Add Printer	TRST-A1x (E-TR) 0 Ready

#### Click"Next>"onthebelowscreen.

Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this iwizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you. To continue, click Next.
Cancel     Ca

#### Select"Anetworkprinter,oraprinterattachedto



#### Selecttheoptiontoselectaprinterconnectedthr

Add Printer Wi	zard
Specify a Pri If you don't that meets	nter know the name or address of the printer, you can search for a printer your needs.
What printe	er do you want to connect to?
O <u>C</u> onnec Name:	t to this printer (or to browse for a printer, select this option and click Next):
O C <u>o</u> nnec URL:	Example: Userver printer t to a printer on the Internet or on a home or office network:
	Example: http://server/printers/myprinter/printer

#### oughthenetworkandclick"Next>".

#### anothercomputer".Click"Next>".

#### Click"HaveDisk..."onbelowscreen.

Select the manufac disk, click Have Dis compatible printer se	turer an sk. If you oftware.	d model of your printer. If your printer came with an ins Ir printer is not listed, consult your printer documentali	stallation on for
Manufacturer	*	Printers	
Agta Alps Apollo Apple APS-PS		AGFA-AccuSet v52.3 AGFA-AccuSetSF v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800SF v52.3	
This driver is digitally sign	ned.	Windows Update Have	Disk

ThefollowingproceduresaresameastheSerialInt

erfacecase.

## 3 HowtoupdatethePrinterDriver

## 3.1 UpdateDriver

Clickrightbuttonandselect"Properties..."onth

e"TRST-A1X"icontoopentheprinter'sproperty.

Add Printer	TRST-AL× (E 0 Ready	-TR) <u>O</u> pen
	-	Set as De <u>f</u> ault Printer Printing Pr <u>e</u> ferences
	-	Pause Printing
	-	S <u>h</u> aring <u>U</u> se Printer Offline
		Create <u>S</u> hortcut <u>D</u> elete Rena <u>m</u> e
		P <u>r</u> operties

Select advancedtab.Click"NewDriver"onbelowscreen.

General	Sharing				TOTOTOTT
💿 Aļways a	onanig	Ports	Advanced	Security	Printer Setting
	available				
🔘 Availa <u>b</u> le	e from	12:00 AM	To To	12:00 AM	a de la constante de la consta
Priority:	*				
Dri <u>v</u> er: ∏f	RST-A1x (E-1	'R)		Ne <u>w</u> D	river
<ul> <li>Print dire</li> <li>Hold mis</li> <li>Print spo</li> <li>Keep pri</li> <li>Enable a</li> </ul>	ectly to the pr matched doo ooled docume nted docume advanced prij	inter cuments ents first ents nting feature	8		
Printing [	De <u>f</u> aults	Print Pr	ocessor	Separat <u>o</u> r Pa	ige

#### Click"Next>"onbelowscreen.

all a new printer driver.
la

#### Click"HaveDisk..."onbelowscreen.

Select the mar your printer driv driver supplied	ufacturer ar ver is not liste by your print	nd model of the Windows XP printer driver you wa ed, you can click Have Disk to select a Windows ter manufacturer.	nt to install. If XP printer
Manufacturer	*	Printers	
Agfa Alps Apollo Apple		GRA-AccuSet v52.3 AGFA-AccuSetSF v52.3 AGFA-AccuSet 800	
APS-PS	*	AGFA-AccuSet 800SF v52.3	-
This driver is digital	ly signed.		lave Disk

Specifythefolderwheretheprinterdriverissave d.C

d.Click"OK".



#### Click"Next>"onbelowscreen.

Printer Driver Selection The manufacturer and model determine v	which printer driver to use.
Select the manufacturer and model of your printer driver is not listed, you can driver supplied by your printer manufac	the Windows XP printer driver you want to install. I click Have Disk to select a Windows XP printer sturer.
Printers	
TRST-A1x (E-TR)	
This driver is not diaitally signed	Have Disk
This driver is not digitally signed! <u>Tell me why driver signing is important</u>	Have Disk

#### Click"Finish"tocompletingthedriverupdate.



#### Click"ContinueAnyway"toignorebelowwarningmes sage.

1	The software you are installing for this hardware:
<u> </u>	Printers
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
	Continuing your installation of this software may impa or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continuing your installation of this software may impa or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

#### Startcopyingthenecessaryfiles.

Copying Files		X
Ŕ	0	
\\tse-nas1\engin	eering\pj\firmware\temp	5\\E-TRLMN.dll
_		Cancel

Lastly, restart the computer to update the printer driver.

## 4 HowtouninstallthePrinterDriver

## 4.1 UninstallPrinterDriverforWindowsXP

Rightclickonthe"TRST-A1x(E-TR)"iconinthe"P

rintersandFaxes"folder.Select"Delete"below

window.

Add Printer	TRST-AL× (E	-TR)
	Keady	<u>O</u> pen
		Set as De <u>f</u> ault Printer
		Printing Pr <u>e</u> ferences
	-	Pause Printing
	-	S <u>h</u> aring
		<u>U</u> se Printer Offline
	-	Create <u>S</u> hortcut
		<u>D</u> elete
		Rena <u>m</u> e
	-	P <u>r</u> operties
	_	

#### **RestartPC.**

ThenRightclicktoselect"ServerProperties"on"

PrintersandFaxes"folder.

Add Printer	
	<u>V</u> iew ►
	Arrange Icons By ► R <u>e</u> fresh
	Paste Paste <u>S</u> hortcut
	Add Printer
	Server Proper <u>t</u> ies
	Set Up Faxing

### Select"TRST-A1x(E-TR)"onbelowscreenandclick "Remove".

🚎 Print Server Properties		् <mark>१ ×</mark>
Forms Ports Drivers	Advanced	
ENG_JOHAN	IST	
Installed printer drivers:		
Name	Environment V	/ersion
(TRST-A1x (E-TR)	Intel W	/indows 2000 or XP
	iemove nepk	
	ок 🗌	Cancel Apply

#### Click"Yes"onbelowdialogtoremovetheprinterd river.

Print Serve	er Properties
?	Deleting this printer driver will remove it from the system. Are you sure you want to delete TRST-A1x (E-TR)?

### Theprinterdriverfor"TRST-A1x(E-TR)"issuccess fullyremoved.

📰 Print Server Properties	? ×
Forms Ports Drivers Advanced	
ENG_JOHANTST	
Installed printer drivers:	
Name Environment Version	
Add <u>R</u> emove Replace	Prop <u>e</u> rties
OK Cano	el <u>A</u> pply

### 4.2 UninstallPrinterDriverforWindows2000

Rightclickonthe"TRST-A1x(E-TR)"iconinthe"P



Click"Yes"onbelowdialogtodeletetheprinter"

#### TRST-A1x(E-TR)".



rinters"folder.Select"Delete"belowwindow.

	Haroiders 3 Ha	12 × 20	1111 T			
ldress 🞯 Printers						∂G0
	Name 🛆	Documents	Status	Comment		Lo
<b>Printers</b>	☑ Add Printer Ӳ TOSHIBA eS282/ –	0	Ready			
his folder contains information about rinters that are currently installed,			View		• 1	
ind a wizard to help you install new printers.						
To get information about a printer that is currently installed, right-click the	t		Arrange I Line Up Io Refresh	cons I		
minter sicon.			Paste			
'o install a new printer, click the <b>Add</b> <b>'rinter</b> icon.			Paste Sho Undo Cop	ortaut oy Ctrl+Z		
elect an item to view its description.			Server Pr	operties		
Vindows 2000 Support						
<b>'rinter</b> icon. ielect an item to view its description. <mark>Vindows 2000 Support</mark>			Undo Cop Server Pr	operties		

#### Rightclicktoselect"ServerProperties"on"Print ers"folder.

#### Select"TRST-A1x(E-TR)"onbelowscreenandclick

#### "Remove".

ma Derta Drivers	[Advanced]	
ms   Ports Drivers	Advanced	
	-	
	1	
stalled printer drivers:		1
Name	Environment	Version
DOLIDA - C202/203	lotel	Windows 2000
nonann(enn)	100.50	
		1
Add	Remove	Jpdate Propertie
Add	Remove	Jpdate Propertie

Goto"C:¥WINNT¥Inf".Openandsearchthe"oem\_.Inf (E-TR)".

"filewhichwithcontentof"TRST-A1x

Sinf \_ 🗆 🗙 -File Edit View Favorites Tools Help  $\Leftrightarrow \mathsf{Back} \, \star \, \Rightarrow \, \star \, \textcircled{\bullet} \, \left[ \begin{array}{c} \textcircled{}{} \end{array} \right] \, \textcircled{O}_{\mathsf{S}} \mathsf{Search} \, \begin{array}{c} \textcircled{}{} \end{array} \, \fbox{Folders} \, \begin{array}{c} \textcircled{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \textcircled{}{} \end{array} \right] \, \textcircled{O}_{\mathsf{S}} \, \begin{array}{c} \swarrow \\ \swarrow \\ \end{array} \, \begin{array}{c} \swarrow \\ \blacksquare \end{array} \, \end{split} \right] \, \textcircled{\bullet} \, \fbox{O}_{\mathsf{S}} \, \begin{array}{c} \textcircled{}{} \end{array} \, \overbrace{O}_{\mathsf{S}} \, \begin{array}{c} \end{array} \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \textcircled{}{} \end{array} \right] \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \end{array} \right] \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \right] \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \end{array} \right] \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \right] \, \overbrace{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \end{array} \right] \, \Biggl{O}_{\mathsf{S}} \, \left[ \begin{array}{c} \end{array} \end{array} \right] \,$ Address 🔂 C:\WINNT\inf ∂G0 • = ••• -1 nv4.PNF nv3.PNF ntprint ntprint.PNF nv3 nv4 inf 4 -(Pp) oem0.PNF oeaccess oeaccess.PNF oeexcep oeexcep.PNF oem0 oem7 Setup Information -Modified: 2008-12-24 23:37 -\* Size: 1.34 KB oem1 oem1.PNF oem2 oem2.PNF oem3 oem3.PNF Attributes: (normal) -1900 A oem4 oem4.PNF oem5 oem6 oem6.PNF oem7 **4** -oem7.PNF mcia.PNF optional optional.PNF pcmcia perm2 1 1 🖳 My Computer Type: Setup Information Size: 1.34 KB 1.34 / 📓 oem7 - Notepad - | - | × |

File Edit Fi	ormat Help		
POS C	COMMON DRIVER	R for WindowsXP/WindowsVista Version 0.01 Copyright TEC Singapore Pvt Ltd. 2008.10.31	-
[version] Signature Provider Class ClassGUID DriverVer	 = = "\$windows = %oem% = Printer ) = {4D36E979 - = 12/24/20	5 NT\$" 9-E325-11CE-BFC1-08002BE10318} 008,0.0.0.1	
[Manufact %oem%=TSB	:urer] E, ntx86		
[TSE] "TRST-A1>	( (E-TR)" =	= E-TR.XPD,USBPRINT\TOSHIBATEC_TRST-A1X7873,	LPTEN
[TSE.ntx0 "TRST-A1>	<del>36]</del> < (E-TR)" =	= E-TR.XPD,USBPRINT\TOSHIBATEC_TRST-A1X7873,	LPTENI
[E-TR.XPD CopyFiles DataFile DataSecti	)] 5 = @E-TR.XP E E-TR.XPC ion = DriverFi	PD,DriverFile,LanMonFile Dile_DATA_NT	-
•			• /

Deleteboth"oem\_.Inf"and"oem\_.PNF"filewhichwi toremovethedrivercompletely.

thcontentof"TRST-A1x(E-TR)".

inf \_ 🗆 🗙 File Edit View Favorites Tools 1 Help  $\Leftrightarrow \mathsf{Back} \, \star \, \Rightarrow \, \star \, \textcircled{\bullet} \, \left[ \bigcirc \mathsf{Q}_{\mathsf{s}} \mathsf{Search} \, \ \ \textcircled{\bullet}_{\mathsf{H}} \mathsf{Folders} \, \ \textcircled{\bullet} \, \textcircled{\bullet} \, \ \textcircled{\bullet}_{\mathsf{H}} \, \textcircled{\bullet}_{\mathsf{H}} \, \end{matrix} \right] \xrightarrow{\bullet} \, (\mathfrak{Q}_{\mathsf{s}} \mathsf{Search} \, \ \ \textcircled{\bullet}_{\mathsf{H}} \mathsf{Folders} \, \ \textcircled{\bullet} \, \textcircled{\bullet} \, \ \textcircled{\bullet}_{\mathsf{H}} \, \overset{\bullet}{\mathsf{H}} \, \overset{\bullet}{\mathsf{H} \, \overset{\bullet}{$ Address 🔄 C:\WINNT\inf 2 Go • = ••• (= ·••\*) oem3.PNF 2. oem1.PNF oem2.PNF oem1 oem2 oem3 1 inf --18 oem4 oem4.PNF oem5 oem6.PNF oem7 oem6 2 items selected. Total File Size: 6.65 KB ф. oem7 oem7.PNF ontional ontional.PNF pcmcia pcmcia.PNF perm2 oem7.PNF Open With... --Send To ٠ -Cut vid.PNF perm2.PNF pinball pinball.PNF ppa Copy Create Shortcut -1 -Delete Rename ppa.PNF 3.PNF printupg printupg.PNF rca Properties 4 Deletes the selected items.

## 5 Examples for a receipt printing

## 5.1 ReceiptPrinting(Singlesideprinting)



#### 5.1.1 Printermodelsetting

- 1) Clickrightbuttonandselect"Properties"onth
- e"TRST-A1X"icontoopentheprinter'sproperty.



- 2) Clickon **PrinterSettings** tab.Select"Single"onthe"PrinterModel".Click "OK". Theprinterdriverrealizesthat1 <sup>ST</sup>printerisconnected.
- Clickon Fonttab.SelecttheFontSizeyouwant.Click"OK".Fo ntsizehastocorrespondto theprinterfontsetting.

Font	Utility Ve	ersion		
General Sharing Po	rts Advanced Security	Printer Settings		
	TPST A1x (F. TP) Properties			
	S TROTATIX (E-TR) Properties			
TRST-AIX (E-	Font	Utility	Version	
	General Sharing Ports	Advanced Security	Printer Settings	
ocation:	denotal onlaring conte			6
	24.0	🧶 TRST-A1x (E-TR) I	Properties	<u> </u>
comment:	Printer settings are required for this	0 Canoral Charina	Data Advanced Conv	iku Dintar Catting
		General Sharing	Forts Advanced Secu	nty Printer Setting
Andel: TRST-A1x (E-T	🖃 Printer Settings	run	Utility	version
Cool: Thornwich	Color Mode(Paper Type):<	M Support Printer Fonts	and Fonts Sizes	
Features	Printer Model: <single></single>	Font Name	Pointo	
Color: Yes	True Type Font Substitutio	n Fonk Mane	Folitiks	
D. H. H. H. W.		FontA12	17.0	^
Double-sided: Tes		FontA21	8.5	
Staple: No		FontA22	17.0	
· · · · · ·	1	FontA24	34.0	
Speed: Unknown		FontA42	34.0	
Maximum resolution: 203		FontA48	68.1	
	Printer Model	FontA84	34.0	
		FontA88	68.1	
P		FontB11	8.5	
	Single	FontB21	85	~
		(1, 0, 0, 2, 1)		
		Select this font size in	the application. For more information a	bout programming.
	-	see the sample progra	ims of the manual.	
		- Test Printing		
		Test Data		Bun
		1 CSI D'did		
		- Select Font Size		
		<ul> <li>Font</li> </ul>	Size1 C Font Size2	
		1		
			ок с	ancel Apply
		and the second se		

#### 5.1.2 Documentsetting

- Inthereceiptprinting,thepaperlengthdoesn' tmatter.Sinceitdependsonthenumberofitems onareceipt,areceiptlengthisnotspecified.Se lectthespecifiedpapersize([58mmx297mm]) or[80mmx297mm])thathasthepaperwidthyoudem and.
- 2) Clickrightbuttonandselect"Properties"onth e"TRST-A1X"icontoopentheprinter'sproperty (Sameas"PrinterModelSetting),andclickon"Pri ntingPreference"button.
   Clickon Maintab.Select "single" on DualsideprintingControl.
   Clickon DocumentSettings tab.Select"Bottom"onthe"PaperConservation". Click"OK".
   Alsoselect"Document[Feed,Cut]"onthe"PaperSour ce".Click"OK".
   Accordingtothesettingofthe"PaperConservation "andthe"PaperSource",thereceiptiscut attheproperposition(endofreceipt)automatical ly.



#### 5.1.3 Logosetting

1) Clickon DocumentSettings tab.Select"FirstPage-Top"onthe"LogoPrinti ng"tospecifythe logopositiononthereceipt.Select"FrontOnly"a tthe"Position"combo-box,alsoselectthe logonumberatthe"Number"comboboxtospecifyth elogo.Thelogohastobedownloaded bytheTRST-A1xcommanderbeforethissetting.Clic k"OK".

Halftone Se	ettings	Barcode	2D Co	ode	Version
Main	Layout	Water	Mark	Docum	ent Settings
Pape Cash Send Send Send Send Send Send Send Send	Unit:<0.1mm> r Source: <page[ Drawer command tart of Documen nd of Document tart of Page:<do Printing irst Page Top Bottom fiddle Page ast Page</do </page[ 	Feed,Cut]> t: <do not="" send<br="">:<do not="" send=""> o not send&gt; not send&gt;</do></do>	>		
Number	D ÷	(0-255)Decima Front Back	Front	Back	

#### 5.1.4 Fontsetting

1) Selecttheprinterfontandsendthecharacterd

canbeselectedbyanapplication.Thesizesoftho

atatotheprinter.Followingareprinterfontstha t

	Font1				Font2			
Font Name	Point							
FontA11	8.5	FontB11	8.5	FontA11	9.9	FontB11	9.9	
FontA12	17.0	FontB12	17.0	FontA12	19.9	FontB12	19.9	
FontA21	8.5	FontB21	8.5	FontA21	9.9	FontB21	9.9	
FontA22	17.0	FontB22	17.0	FontA22	19.9	FontB22	19.9	
FontA24	34.0	FontB24	34.0	FontA24	39.7	FontB24	39.7	
FontA42	17.0	FontB42	17.0	FontA42	19.9	FontB42	19.9	
FontA44	34.0	FontB44	34.0	FontA44	39.7	FontB44	39.7	
FontA48	68.1	FontB48	68.1	FontA48	79.4	FontB48	79.4	
FontA84	34.0	FontB84	34.0	FontA84	39.7	FontB84	39.7	
FontA88	68.1	FontB88	68.1	FontA88	79.4	FontB88	79.4	

#### 5.1.5 Barcodesetting

 Clickrightbuttonandselect"Properties"onth e"TR (Sameas"PrinterModelSetting),andclickon"Pri tab.Select"Barcode1"attheFontNamecombo-box, Press"Advancedsettings"buttonandspecifytheba Click"OK".

e"TRST-A1X"icontoopentheprinter'sproperty ntingPreference"button.Clickon **Barcode** box, andselectthebarcodetypeforBarcode1. ba rcodeattributes(width,heightandHRI).

Main	Layout	Water Mark	Docur	nent Settings					
Halftone Setti	ings Ba	rcode	2D Code	Version					
ont Name	Barcode1		76,5 Points						
Alias	1			<b>.</b>	reada Edit				
Select this font s the sample progr Barcode1	ize in the application ams or the manual	n. For more info	mation about prog	gramming,	UPC-A Element Width Element Height HRI Position	3 ÷ 162 ÷ Below	[2-6]Dots [1-255]Dots	27.0 m	m
Setting			Advanced s	ettings	HRI Font	fontA		<u> </u>	
Option	Setting								
Element W Element He HRI Positio HRI Font Rotation Hex Input N Add Quiet 2	idth 3 Dots aight 162 Dot n Do not F FontA Normal Mode Off Zone Off	s Print			Option Rotation Hex Input N	Normal 1ode Zone		•	
		ок	Cancel		Test Printing Test Data	01234567890	05		Run
									Cancel

1) SelecttheBarcode1fontandsendthenumeralch printer.Referto"5.4 <u>PrintRendering</u>"indetail.

aracterdata(e.g."01234567890123")tothe

#### 5.1.6 ControlAFontsetting

- 2) Clickrightbuttonandselect"Properties"onth (Sameas"PrinterModelSetting),andclickon"
- e"TRST-A1X"icontoopentheprinter'sproperty
  - EditControlA "buttonon" Utility"Tab.
- 3) Selectcharacter"!"(0x21)andclickon"



4) Input1B40(Initializetheprintercommand)and clickonOK.

Char	Hex	
•	21	
0		
command		
1B 40		

5) SelecttheControlAfontandsend"!"character totheprinter.Theprinterwillbeinitializedat the endofthereceipt.Referto"5.4 PrintRendering "indetail.

## 5.2 ReceiptPrinting(DualsideprintingwithSingl

eSideCommand)

Front Side							
L(	CO	С					
1	The Home Store						
12	234 Your Street						
Any	where, USA 12345						
SALE 1234	404 123-4567 07/15/09	04 80936 05:29 PM					
NOODLE SOUPE	002420000130	1 49 K					
CHICKEN	004135853129	0.89 K					
CORN STARCH	001231243010	1. 19 K					
POPCORN	002700048414	2.50 K					
GRIPNSPRERGO	007785522284	7.92 E					
MIXED NUTS	002900007184	2.87 K					
CANNED AIR	007947454608	3.94 E					
CHK BOUILION	004125875156	1.69 K					
CHICKEN	004135853129	0.89 K					
CORN STARCH	001231243010	1.19 K					
POPCORN	002700048414	2.50 K					
GRIPNSPRERGO	007785522284	7.92 E					
MIXED NUTS	002900007184	2.87 K					
CANNED AIR	007947454608	3.94 E					
CHK BOUILION	004125875156	1.69 K					
CHK BOUILION	004125875158	1.89 K					
NOODLE SOUPE	002420000130	1.49 K					
CHICKEN	004135853129	0.89 K					
CUKN STAKCH	001231243010	1. 19 K					
PUPUUKN	002/00048414	2.50 K					
URIPNOPKEKUU	0041258/5158	1.09 N					

Back Side						
POPCORN	002700048414	2.50 K				
GRIPNSPRERGO	007785522284	7.92 E				
MIXED NUTS	002900007184	2.87 K				
CANNED AIR	007947454608	3.94 E				
CHK BOUILION	004125875156	1.69 K				
CHICKEN	004135853129	0.89 K				
CORN STARCH	001231243010	1.19 K				
POPCORN	002700048414	2.50 K				
GRIPNSPRERGO	007785522284	7.92 E				
CHAMPAGNE	005672330785	10.43 E				
COFFEE	002212340484	0.81 K				
MILK	001251700860	3.18 E				
	SUBTOTAL	430 07				
	TAX	25 85				
	TOTAL	455.92				
	CASH	500 00				
	CHANGE	44.88				
0123456789123						
Thanks For Shopping						

Toprintthereceipt(shownin5.1)ondualsideas "DualSidePrintingControl"inprintingpreference Othersettingshavetobesameasthesinglereceip Pleasetakenotethatforthisprintingmode,thed printingresultwillbehalfonfrontpageandhalf above,selectthe"Dualw/SingleSideCmd" of settingoftheprinterdriver.

tprintingmentionedabove.

ocumentsourceshouldbeinsinglepageandthe onbackpage.

## 5.3 ReceiptPrinting(DualsideprintingwithDoubl

 $1^{\rm st}$  page of document on Front Side

## eSideCommand)

LOGO The Home Store 1234 Your Street						
	,,					
SALE	404 123-4567	04 80936				
1234	07/15/09	05:29 PM				
	002420000120	1 40 14				
	002420000130	1.49 K 0.80 K				
CORN STARCH	004133033129	1 19 K				
POPCORN	002700048414	2 50 K				
GRIPNSPRFRGO	007785522284	7.92 F				
MIXED NUTS	002900007184	2.87 K				
CANNED AIR	007947454608	3.94 E				
CHK BOUILION	004125875156	1.69 K				
CHICKEN	004135853129	0.89 K				
CORN STARCH	001231243010	1.19 K				
POPCORN	002700048414	2.50 K				
<b>GRIPNSPRERGO</b>	007785522284	7.92 E				
MIXED NUTS	002900007184	2.87 K				
CANNED AIR	007947454608	3.94 E				
CHK BOUILION	004125875156	1.69 K				
CHK BOUILION	004125875158	1.89 K				
NOODLE SOUPE	002420000130	1.49 K				
CHICKEN	004135853129	0.89 K				
CORN STARCH	001231243010	1.19 K				
POPCORN	002700048414	2.50 K				
GRIPNSPRERGO	004125875158	1.89 K				

 $2^{nd}\ page \ of \ document \ on \ Back \ Side$ 

		0 F0 K				
POPCORN	002/00048414	2.50 K				
	007780022284	1.92 E 2.07 K				
	002900007184	2.07 K 3.04 F				
CHK BOULLION	007947454008	3.94 L 1.69 K				
CHICKEN	004135853129	0.89 K				
CORN STARCH	001231243010	1.19 K				
POPCORN	002700048414	2.50 K				
GRIPNSPRERGO	007785522284	7.92 E				
CHAMPAGNE	005672330785	10.43 E				
COFFEE	002212340484	0.81 K				
MILK	001251700860	3.18 E				
	SUBTOTAL	430.07				
	TAX	25.85				
	TOTAL	455.92				
	CASH	500.00				
0123456789123						
	0120400100120					
TI.	anka Fan Shansing					
l In	anks for snopping					

Toprinttheabovereceipt(2pagesdocument)ondu of"DualSidePrintingControl"inprintingprefere Othersettingshavetobesameasthesinglereceip Please take note that for this printing mode, the d printingresultwillbe1 <sup>st</sup>pageonfrontpageand2

alside,selectthe"Dualw/DoubleSideCmd" ncesettingoftheprinterdriver.

tprintingmentionedabove.

ocument source should be in 2 pages and the <sup>nd</sup> pageonbackpage.

### 5.4 ReceiptPrinting(DualsideprintingwithPre-D efineddata)



Thisexampleshowsonlythedifferentsettingscomp settingsnotdescribedaresameasthesettingoft Toprintthepre-defineddataonthebackside,the printerinadvance. aredtothe"SingleReceiptPrinting".Other he"SingleReceiptPrinting".

pre-defineddatahastobedownloadedtothe

#### 5.4.1 Printermodelsetting

- 1) Clickrightbuttonandselect"Properties"onth
- e"TRST-A1X"icontoopentheprinter'sproperty.



2) Clickon **PrinterSettings** tab.Select"Dual"onthe"PrinterModel".Click" OK". Theprinterdriverrealizesthat1 <sup>ST</sup>printerisconnected.

TRST-A1x (E-TR) Properties	
Font Utility	Version
General Sharing Ports Adv	anced Security Printer Settings
TRST-A1x (E-TR)	
Location:	🕈 TRST-A1x (E-TR) Properties 🛛 🔹 💽
Comment:	Font Utility Version General Sharing Ports Advanced Security Printer Settings
Model: TRST-A1x (E-TR) Features	Printer settings are required for this operation.
Color: Yes Pape Double-sided: Yes Roll i Staple: No Speed: Unknown Maximum resolution: 203 dpi	Printer Settings     Color Mode(Paper Type): <monochrome>     Printer Modek (Single&gt;     True Type Font Substitution:<do not="" substitution=""></do></monochrome>
Printing Prefere	Printer Model
	C Single C Dual
C	
	OK Cancel Apply

#### 5.4.2 Documentsetting

 1) Clickrightbuttonandselect"Properties"onth
 e"TRST-A1X"icontoopentheprinter'sproperty

 (Sameas"PrinterModelSetting),andclickon"Pri
 ntingPreference"button.

Clickon **DocumentSettings** tab.Select"Custom"onthe"PaperSource".Click "Document End"button.

Setthe"Paperfeed"to30mmm,Clickon" **Feedtocutpositionbeforecutting** "andselect "**Cut**"attheCuttingmethodcombo-box.Click"OK".

🌢 TRST-A1x (E-TR) Printing Pre	erences	? 🗙
Halftone Settings Barco	de 2D Code	Version
Main Layout	Water Mark Docum	nent Settings
□       Document Setting         □       Paper Conservation: <bottom>         □       Print all text as graphic images         □       Input Unit:&lt;0.1mm&gt;         □       Paper Source:         □       Cash Drawer         □       Send command         □       Logo Printing</bottom>	Cutting and Feeding Document Start Page Start Page End Document End	Document End       Image: Constraint of the second se
		OK Cancel
	OK Cancel	Apply

### 2) Clickon Maintab.Select"DualwithPre-DefinedData"onDuals idepr

ideprintingControl.

Main     Layout     Water Mark     Document Setting       Resolution     © 203.2 dpi x 203.2 dpi        Color     © Color     © Monochrome       Dual side printing Control     © Dual w/ Single Side Cmd       © Single     © Dual w/ Single Side Cmd       © Dual w/ Double Side Cmd     © Dual w/ Pre-defined Data       Copies     1       © Copies     1       © Copies     1       © Reverse Print Order     1	Halftone Se	ttings	Barc	ode	2D Coo	le 📗	Versior
Resolution  Color  Color  Color  Color  Color  Copies  Copies  Copies  Copies  Copies  Copies  Reverse Print Order  Reverse Print Order  Communication  Comm	Main	Layout		Water Mar	rk	Docur	nent Setting:
<ul> <li>Color</li> <li>Color</li> <li>Color</li> <li>Color</li> <li>Color</li> <li>Single</li> <li>Dual w/ Double Side Cmd</li> <li>Dual w/ Pre-defined Data</li> <li>Copies</li> <li>Copies</li> <li>Collate</li> <li>Reverse Print Order</li> </ul>	Resolution	1:					
Color Color Color Color Monochrome Dual side printing Control Single Dual w/ Double Side Cmd Dual w/ Pre-defined Data Copies Copies Copies Reverse Print Order	@ 20	3.2 dpi x 203.2	2 dpi				
Color Color Color Monochrome Dual side printing Control Single Dual w/ Double Side Cmd Dual w/ Pre-defined Data Copies Copies Copies Reverse Print Order							
C Eolor.  Monochrome  Dual side printing Control  Single  Dual w/ Single Side Cmd  Dual w/ Pre-defined Data  Copies  Copies  Copies  Copies  Reverse Print Order  Monochrome  Monochrom  Monochrome  Monochrom  Monochrom	Color						
Dual side printing Control  C Single Dual w/ Double Side Cmd Dual w/ Pre-defined Data  Copies Copies Copies Copies Copies Reverse Print Order	C Col	or		6	Monochror	ne	
Copies Copies Copies Collate Reverse Print Order	-Dual side C Sin C Du	printing Contro gle al w/ Double :	ol Side Cm	C d •	Dual w/ Si Dual w/ Pi	ngle Side e-defined	Cmd d Data
Collate Reverse Print Order	Copies	1					
Collate  Reverse Print Order	Copies		<u>.</u>	1	2	3	2
T Reverse Print Order	E Co	late					=
	∏ Re	verse Print Or	der		-	-	
							10

## 5.5 PrintRendering



## 6 Note

### 6.1 Logfilesetting

This function is for the analysis of the printer an change this setting normally. It would slow down th

dtheprinterdriverissues. Therefore please don't eperformance.

### 6.2 Restrictions

Followingaresomerestrictionstobenotedfordua

Isideprintingcontrolusingthedriver:

	Single	Dualw/Single SideCmd	Dualw/Double SideCmd	Dualw/PredefinedData
LogoPrinting	Δ <b>*1</b>	0	∆*2	Δ*2
Top/Bottom	Х	0	∆*2	Δ*2
message				
Document/Page	0	0	Δ*3	Δ*3
mode				

\*1:Usercaneitherselect"None"or"FrontOnly"

forlogoprinting

\*2:Ifthereisnobacksidedata,thelogo/messa

geonbacksidewillnotbeprinted

\*3:OnlyPageModeavailable