TRST-C10BI Printer Driver for Windows XP User's Manual

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TOSHIBA TEC SINGAPORE PTE LTD

Copyright(C)2011 TOSHIBA TEC SINGAPORE PTE LTD This document describes the precautions for using the TRST-C10BI Printer Driver for Windows XP.

This document assumes that the reader is familiar with the following:

- General characteristics of Windows and Printer Driver for Windows.
- General characteristics of TRST- C10BI printer

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TRST-C10BI - Printer Driver for Windows XP User's Manual

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1 Operation Environment

This printer driver works with below environment.

OS	Windows XP	
I/F	Serial(RS232C)	

2 How to install the Printer Driver

2.1 Manual Install through "Add Printer" wizard

2.1.1 Add Printer

Open the 'Printers and Faxes'.

Go to 'File' and click the 'Add Printer' button.



The 'Add Printer Wizard' dialog appears.

Click 'Next' to continue.

Add Printer Wizard		
	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 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. To continue, click Next. 	
	< <u>B</u> ack Next > Cancel	

Select 'Local printer attached to this computer' and uncheck 'Automatically detect and install my

Plug and Play printer'.

Click 'Next' to continue.

	or Network Printer e wizard needs to know which type of printer to set up.
625	
Se	ect the option that describes the printer you want to use:
0	Local printer attached to this computer
	Automatically detect and install my Plug and Play printer
0	A network printer, or a printer attached to another computer
1	Y To set up a network printer that is not attached to a print server,
9	🖓 use the "Local printer" option.

Select 'Use the following port' option and select 'COM4: (Serial Port)' from the dropdown list. Then click 'Next'.

	inter Wizard	
	ct a Printer Port Computers communicate w	with printers through ports.
	Select the port you want yo new port.	your printer to use. If the port is not listed, you can create a
0	• Use the following port:	COM4: (Serial Port)
		: use the LPT1: port to communicate with a local printer. : port should look something like this:
(Create a new port: Type of port:	CutePDF Writer Monitor
		<pre></pre>

Click 'Have Disk'.

dd Printer Wizard	
Install Printer Software The manufacturer and mode	I determine which printer software to use.
	nd model of your printer. If your printer came with an installation our printer is not listed, consult your printer documentation for e.
Manufacturer	Printers AGFA-AccuSet v52.3 AGFA-AccuSetSF v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800SF v52.3 Mindows Update Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel

Click 'Browse' and locate the folder where the printer driver is saved.

Install F	rom Disk 🛛 🔀
3	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below. Cancel
	Copy manufacturer's files from:
	C:\Documents and Settings\10377\Desktop\Win >

The name of the printer to be installed will appear. Click 'Next'.

Add Printer Wizard	
Install Printer Software The manufacturer and model determine v	which printer software to use.
	your printer. If your printer came with an installation not listed, consult your printer documentation for
Printers	
TRST-C10BI	
This driver is not digitally signed! Tell me why driver signing is important	Windows Update Have Disk
	< <u>B</u> ack <u>N</u> ext> Cancel

Optionally, you may modify the default printer name.

Then click 'Next'.

Name Your Printer You must assign a name to this printer.	le l
Type a name for this printer. Because so name combinations of more than 31 cha possible.	ome programs do not support printer and server aracters, it is best to keep the name as short as
<u>P</u> rinter name:	
TRST-C10BI	
Do you want to use this printer as the de	efault printer?
O N <u>o</u>	

You have the option to share the printer on your network. By default, the printer is not shared.

Click 'Next' to continue.

×.

dd Printer Wizard		
Printer Sharing You can share this	printer with other network users.	Þ
	this printer, you must provide a share name. You can use the type a new one. The share name will be visible to other network	
⊙ Do not share thi	printer	
O <u>S</u> hare name:		

If you want a test page to be printed after the driver is installed, select 'Yes'. Click 'Next' to continue.

Add Printer Wizard
Print Test Page To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
OYes
⊙ Nd
< <u>B</u> ack Next > Cancel

Click 'Finish' to proceed with the installation.

Add Printer Wizard				
	Comple Wizard	ting the Add Printer		
	You have successfully completed the Add Printer Wizard. You specified the following printer settings:			
	Name:	TRST-C10BI		
	Share name:	<not shared=""></not>		
	Port:	COM4:		
	Model:	TRST-C10BI		
	Default:	Yes		
	Test page:	No		
	To close this	wizard, click Finish.		
< <u>B</u> ack Finish Cancel				

Click 'Continue Anyway' to proceed.

Hardwa	re Installation
⚠	The software you are installing for this hardware: 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 impair 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.
	Continue Anyway STOP Installation

Once installation is completed, the printer icon will appear in the Printers and Faxes window.



3 How to update the Printer Driver

3.1 Update Driver

Open the 'Printers and Faxes'. Right-click on the 'TRST-C10BI' printer icon and select 'Properties'.



Go to the 'Advanced' tab and click 'New Driver'.

Font Utility Version General Sharing Ports Advanced Security Printer Settir • Available Available from 12:00 AM To 12:00 AM To Priority: 1 1 Image: Comparison of the security To 12:00 AM To Priority: 1 Image: Comparison of the security To 12:00 AM To Priority: 1 Image: Comparison of the security To 12:00 AM To Priority: 1 Image: Comparison of the security To 12:00 AM To Priority: 1 Image: Comparison of the security New Driver Security Security • Spool print documents so program finishes printing faster • Start printing immediately Print girectly to the printer • Hold mismatched documents Image: Print spooled documents first Keep printed documents Print spooled documents Image: Printed documents Image: Printer Processor Separator Page		10BI Prope	ittes			Ŀ
Awailable Available from Priority: 1 Driver: TRST-C10BI Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print directly to the printer Hold mismatched documents Y print spooled documents first Keep printed documents Enable advanced printing features		N. Contraction of the second s				
 Available from 12:00 AM To 12:00 AM Priority: 1 Driver: TRST-C10BI Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print glirectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features 	General	Sharing	Ports	Advanced	Security	Printer Setting
Priority: 1 Driver: TRST-C10BI Image: Spool print documents so program finishes printing faster Image: Start printing after last page is spooled Image: Start printing immediately Print girectly to the printer Hold mismatched documents Image: Print spooled documents first Image: Keep printed documents Image: Image: Image: Image:	Alway	s available				
Priver: TRST-C10BI Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print girectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features	🔿 Availa	<u>b</u> le from	12:00 AM	🗘 To	12:00 AM	*
 Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print glirectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features 	Priority:	1			_	_
Start printing after last page is spooled Start printing immediately Print girectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features	Driver:	TRST-C10BI			✓ New Dr	iver
	 <u>H</u> old r <u>K</u> eep	nismatched doo pooled docume printed docume	cuments ents first ents	s		
Chinang Pojdana	☐ <u>H</u> old r Print s Meep ✓ Enable	nismatched doo pooled docume printed docume e advanced pri	cuments ents first ents nting feature:		Constator Da	
	☐ <u>H</u> old r Print s Meep ✓ Enable	nismatched doo pooled docume printed docume e advanced pri	cuments ents first ents nting feature:		Separat <u>o</u> r Pa	ge
	☐ <u>H</u> old r Print s Meep ✓ Enable	nismatched doo pooled docume printed docume e advanced pri	cuments ents first ents nting feature:		Separat <u>o</u> r Pa	ge
	☐ <u>H</u> old r Print s Meep ✓ Enable	nismatched doo pooled docume printed docume e advanced pri	cuments ents first ents nting feature:		Separat <u>o</u> r Pa	ge
	☐ <u>H</u> old r Print s Meep ✓ Enable	nismatched doo pooled docume printed docume e advanced pri	cuments ents first ents nting feature:		Separat <u>o</u> r Pa	ge

The 'Add Printer Driver Wizard' will start.

Click 'Next' to continue.

Add Printer Driver Wizard	
	Welcome to the Add Printer Driver Wizard This wizard helps you install a new printer driver. To continue, click Next.
	<u>KBack Next</u> ≻ Cancel

Click 'Have Disk'.

dd Printer Wizard	
Install Printer Software The manufacturer and mode	I determine which printer software to use.
	nd model of your printer. If your printer came with an installation our printer is not listed, consult your printer documentation for e.
Manufacturer	Printers AGFA-AccuSet v52.3 AGFA-AccuSetSF v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800SF v52.3 Mindows Update Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel

Click 'Browse' and locate the folder where the printer driver is saved.

Install F	rom Disk 🛛 🔀
3	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below. Cancel
	Copy manufacturer's files from:
	C:\Documents and Settings\10377\Desktop\Win >

The name of the printer to be installed will appear. Click 'Next'.

Add Printer Wizard	
Install Printer Software The manufacturer and model determine v	which printer software to use.
	your printer. If your printer came with an installation not listed, consult your printer documentation for
Printers	
TRST-C10BI	
This driver is not digitally signed! Tell me why driver signing is important	Windows Update Have Disk
	< <u>Back</u> <u>Next</u> > Cancel

Optionally, you may modify the default printer name.

Then click 'Next'.

Name Your Printer	
You must assign a name to this p	orinter.
Type a name for this printer. Bec name combinations of more than possible.	ause some programs do not support printer and server 31 characters, it is best to keep the name as short as
<u>P</u> rinter name:	
TRST-C10BI	
Do you want to use this printer a:	s the default printer?
⊙Yes	
<u>○ No</u>	

You have the option to share the printer on your network. By default, the printer is not shared.

Click 'Next' to continue.

×.

dd Printer Wizard		
Printer Sharing You can share this	printer with other network users.	Þ
	this printer, you must provide a share name. You can use the type a new one. The share name will be visible to other network	
⊙ Do not share thi	printer	
O <u>S</u> hare name:		

If you want a test page to be printed after the driver is installed, select 'Yes'. Click 'Next' to continue.

Add Printer Wizard	
Print Test Page To confirm that the printer is installed proper	ly, you can print a test page.
Do you want to print a test page?	
O⊻es	
⊙ Na	
	< <u>B</u> ack <u>N</u> ext > Cancel

Click 'Continue Anyway' to proceed.

Hardwa	re Installation
1	The software you are installing for this hardware: 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 impair 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.
	Continue Anyway

Restart the computer to successfully update the driver.

4 How to uninstall the Printer Driver

Open the 'Printers and Faxes' folder.

Right-click on the 'TRST-C10BI' printer icon and select 'Delete'.

😼 Printers and Faxes			
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	ols <u>H</u> elp		
🕝 Back 👻 🕥 - 🏂 🔎	Search 🔀 F	iolders 🚺 🕶	
Address 🦦 Printers and Faxes			🕶 🔁 Go
Printer Tasks Image: Constraint of the second sec	TRST-(Open Printing Preferences Pause Printing Sharing Use Printer Offline	
 ? Troubleshoot printing ? Get help with printing Other Places 		Create Shortcut Delete Rename Properties	
	×		

Click 'Yes' to confirm.

Printers	. 🛛 🛛
2	Are you sure you want to delete the printer 'TRST-C10BI'?
	<u>Y</u> es <u>N</u> o

The printer icon is removed.

Go to 'File' and click 'Server Properties'.

실 Printers and Faxe		_ 🗆 🔀
File Edit View Fav	rites Tools Help	
Add Printer	A	
Server Properties	Ď 🔎 Search 🔀 Folders 🛄 🔹	
Send Fax	axes	✓ → Go
Create Shortcut	~	
Delete		
Rename		
Properties		
Close	=	
See Also	*	
Troubleshoot prin	ing	
 Get help with prin 		
Other Places	*	

Go to the 'Drivers' tab and select 'TRST-C10BI'.

Click 'Remove'.

> Print Server Properties ?	X
Forms Ports Drivers Advanced	
ENG_MARK	
Installed printer drivers: Name Environment Version	1
TRST-C10BI Intel Windows 2000 or XP	
A <u>d</u> d <u>B</u> emove Replace Prop <u>erties</u>	
	<u> </u>

Click 'Yes' to confirm.

Print Se	rver Properties 🛛 🔀
?	Deleting this printer driver will remove it from the system. Are you sure you want to delete TRST-C10BI?
	<u>Y</u> es <u>N</u> o

The printer driver has been successfully removed from your system.

5 Examples for a receipt printing

5.1 Receipt printing

		5.1.2 Document Setting
L	OGO ←	5.1.3 Logo Setting
123	he Home Store 34 Your Street where, USA 12345	— 5.1.4 Font Setting
SALE 1234	404 123-4567 04 80936 07/15/09 05:29 PM	
NOODLE SOUPE CHICKEN CORN STARCH POPCORN GRIPNSPRERGO MIXED NUTS CANNED AIR CHK BOUILION CHK BOUILION	002900007184 2.87 K 007947454608 3.94 E 004125875156 1.69 K	
CHAMPAGNE COFFEE MILK	- 005672330785 10.43 E 002212340484 0.81 K 001251700860 3.18 E	
COFFEE	002212340484 0.81 K	
COFFEE MILK	002212340484 0.81 K 001251700860 3.18 E SUBTOTAL 430.07 TAX 25.85 TOTAL 455.92 CASH 500.00	
COFFEE MILK RECEIPT	002212340484 0.81 K 001251700860 3.18 E SUBTOTAL 430.07 TAX 25.85 TOTAL 455.92 CASH 500.00 CHANGE 44.88	——— 5.1.5 Barcode Setting

1) Right-click on the "TRST-C10BI" printer icon and select "Properties".



 Click Font tab. By default, Font Size 2 is selected. You may opt to select Font Size 1 then click "OK".

🗳 TRST-C10BI Properties		? 🔀
General Sharing Por		curity Printer Settings
Font	Utility	Version
Support Printer Fonts and For	nts Sizes	
Font Name	Points	
FontA11	9.9	~
FontA12	19.9	
FontA21	9.9	
FontA22	19.9	
FontA24	39.7 19.9	=
FontA42 FontA44	39.7	
FontA44 FontA48	33.7 79.4	
FontA84	39.7	
FontA88	79.4	
FontB11	9.9	
FontB12	19.9	
FontB21	9.9	~
Select this font size in the app see the sample programs or th Test Printing Test Data		Run
Select Font Size		
C Font Size1	Font Size2	
	ОК	Cancel Apply

5.1.1 Document setting

- In the receipt printing, the paper length does not matter. Since it depends on the number of items on a receipt, a receipt length is not specified. Select the specified paper size ([58mm x 297mm] or [80mm x 297mm]) that has the paper width you require.
- 2) Right-click on the "TRST-C10BI" icon and select "Printing Preferences".

Click on **Document Settings** tab. Select "Bottom" on the "Paper Conservation". Click "OK". Also select "Document[Feed,Cut]" on the "Paper Source". Click "OK".

According to the setting of the "Paper Conservation" and the "Paper Source", the receipt is cut at the proper position (end of receipt) automatically.

🗟 TRST-C10BI Printing Preferences 🔹 👔 🏹	STRST-C10BI Printing Preferences
Halltone Settings Barcode 2D Code Version Main Layout Water Mark Document Settings	Halftone Settings Barcode 2D Code Version Main Layout Water Mark Document Settings
Document Setting Paper Conservation: <bottom> Print all text as graphic images:<no> Input Unit:01 nm> Paper Source:<document[feed,cut]> Cash Drawer Send command Cogo Printing</document[feed,cut]></no></bottom>	Document Setting Paper Conservation: <bottom> Print all text as graphic images: <no> Input Unit: <0.1mm> Paper Source: <document[feed_cut]> Cash Drawer Send command Dogo Printing</document[feed_cut]></no></bottom>
Paper Conservation None Top Bottom Top & Bottom	Document/Feed.Cut] Document/Feed.NoCut] Document[NoFeed.Cut] Document[NoFeed.NoCut] Page[Feed.NoCut] Page[Feed.NoCut] Page[Feed.NoCut] Page[NoFeed.Cut] Cut
OK Cancel Apply	OK Cancel Apply

5.1.2 Logo setting

 Click on **Document Settings** tab. Select "First Page - Top" on the "Logo Printing" to specify the logo position on the receipt. Select "Front Only" at the "Position" combo-box. Also select the logo number at the "Number" combo box to specify the logo. The logo has to be downloaded by the TRST-C10BI commander before using this setting. Click "OK".

Halftone	Settings	Baro	code	2D	Code	T I	Version
Main	Layout		Water I	Mark		Documer	nt Setting:
_							
	ient Setting per Conservatior		0)				
	nt all text as grap						
	out Unit:<0.1mm>						
	per Source: <do< td=""><td>cument[F</td><td>eed,Cut]></td><td></td><td></td><td></td><td></td></do<>	cument[F	eed,Cut]>				
	sh Drawer nd command						
1	go Printing						
Ė	First Page						
	Тор						
-	Bottom Middle Page						
	Last Page						
- Logo Prir	nting						
Position	Front Only		-				
	Ja Toric Only						
Number	0 ÷	[0-255	i]Decimal				
	Front Back	Front	Back	Front	Back	_	
	Logo		4		•		
	(4		9		
	i		i				

5.1.3 Font setting

1) Select the printer font and send the character data to the printer. Following are printer fonts that can be selected by an application. The sizes of those fonts are fixed.

	Fo	nt1	
Font Name	Point	Font Name	Point
FontA11	8.5	FontB11	8.5
FontA12	17.0	FontB12	17.0
FontA21	8.5	FontB21	8.5
FontA22	17.0	FontB22	17.0
FontA24	34.0	FontB24	34.0
FontA42	17.0	FontB42	17.0
FontA44	34.0	FontB44	34.0
FontA48	68.1	FontB48	68.1
FontA84	34.0	FontB84	34.0
FontA88	68.1	FontB88	68.1

	Fo	nt2	
Font Name	Point	Font Name	Point
FontA11	9.9	FontB11	9.9
FontA12	19.9	FontB12	19.9
FontA21	9.9	FontB21	9.9
FontA22	19.9	FontB22	19.9
FontA24	39.7	FontB24	39.7
FontA42	19.9	FontB42	19.9
FontA44	39.7	FontB44	39.7
FontA48	79.4	FontB48	79.4
FontA84	39.7	FontB84	39.7
FontA88	79.4	FontB88	79.4

5.1.4 Barcode setting

- Click on Barcode tab. Select "Barcode1" at the Font Name combo-box, and select the barcode type for Barcode1. Press "Advanced settings" button and specify the barcode attributes (width, height and HRI). Click "OK".
- Select the Barcode1 font and send the numeral character data (e.g. "01234567890123") to the printer. Refer to "5.2 <u>Print Rendering</u>" in detail.

실 TRST-C10BI Pri	inting Pr	eferenc	es			? 🔀
Main	Layout		Water Ma	rk	Docu	ment Settings
Halftone Setting	s	Barcode	•	2D Co	de	Version
Font Name	Barcode	1		76.5	Points	
Alias						
Select this font size the sample program Barcode1 Type Setting			or more inf	·	about pro	
Option	Sett	ing				
Element Width Element Heigh HRI Position HRI Font Rotation Hex Input Moo Add Quiet Zor	nt 162 Don Fon Nom de Off	Dots not Print tA				
			ОК		Cancel	

Element Width	3 📫	[0.01D - h		
Element width		[2-6]Dots		
Element Height	162 🕂	[1-255]Dots	27.0 r	nm
HRI Position	Do not Print		•	
HRI Font	fontA		Ŧ	
Hex Input Add Quiet				
Test Printing				

5.1.5 ControlA Font setting

- 1) Open Properties and click on "Utility" Tab.
- 2) Select character "!" (0x21) and click on "Edit" button.

📽 TRST-C10BI Prop	erties	? 🗙
General Sharing Font	Ports Advanced Security Printe Utility Version	r Settings
Log File Setting	Log File Setting Log Option Settings	
E dit ControlA	Edit ControlA Font Character Translation Table Edit commands for registering Control A fonts	
	OK Cancel	Apply

Char	Hex	Command				
	20					^
! 	21					
	22					L
# \$ & &	23					
Ş	24 25					
6	26					
	27					
(28					
)	29					
*	2A					
+	2B					
,	2C					
-	2D					~
				Edit	Do	lete

3) Input 1B 40 (Initialize the printer command) and click on OK.

ntrol A Editor		
Char	Hex	
1	21	
Command		
1B 40		
<		<u>></u>
		OK Cancel

4) Select the ControlA font and send "!" character to the printer. The printer will be initialized at the end of the receipt. Refer to "5.2 <u>Print Rendering</u>" in detail.

5.2 Print Rendering



6 Note

6.1 Log file setting

This function is for the analysis of the printer and the printer driver issues. Therefore please don't change this setting normally. It would slow down the performance.