## Instructions for updating the printer firmware in chipless, method number 14 (for 99 firmware)

It is suitable for epson printers on the condition of usage 99 chipless firmware.

For updating the printer firmware into a chipless one you need:

- 1. INKCHIP Firmware Program compatible with your printer model.
- 2. INKCHIP Activation Program compatible with your printer model.
- 3. A computer with a Windows operating system and Internet access.
- 4. USB cable
- 5. INKCHIP activation key.

#### STEP 1.

Download INKCHIP Firmware and INKCHIP Activation for your printer model from inkchip.net. Unpack the ZIP archives of these programs.

#### STEP 2.

Connect the printer to a Windows computer using a USB cable and turn on the printer.

#### STEP 3.

Launch the INKCHIP Firmware program on your computer.

金[]	
[Resources]	
🚳 e_dge321	dll
🚳 ENBoost	dll
FWG512TL	efu
INKCHIP.net_Activation	exe
R INKCHIP.net_Firmware	exe
🚳 Unzip32	dll

Read the introduction and click Next.

👔 INKCHIP.net Firmware	×
1 2 3 4 5 6 7	
Introduction	
This software allows you to update the firmware for Epson printers/scanners.	
To continue, click [Next]. To quit this software, click [Cancel].	
<back(b) next(n)=""> Cancel</back(b)>	

Read the license agreement, set the marker opposite "I agree." and click on the button next.



NKCHIP.net Firmware	×
1 2 3 4 5 6 7	
Software License Agreement	
Read the following software license agreement.	
SPECIAL DAMAGES, INCLUDING ANY LOST PROFITS OR LOST SAVINGS, EVEN IF EPSON, ITS SUPPLIERS OR ANY REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY THIRD PARTY. Some states or jurisdictions, however, do not allow the exclusion or limitation of incidental, consequential or special damages, so the above limitations may not apply to you.	^
6. Termination. Without prejudice to any other rights EPSON has, this Agreement shall automatically terminate upon failure by you to comply with its terms. You may also terminate this Agreement at any time by uninstalling and destroying the Software and all copies thereof.	
<ol> <li>Export Restriction. You agree not to transfer, export or re-export the Software and any data or information which you obtained from EPSON or use the Software without a proper license under Japanese law, restrictions and regulations, or the laws of the jurisdiction in which the Software is obtained.</li> </ol>	
8. Governing Law and General Provisions. This Agreement shall be governed and construed under by the laws of Japan without regard to its conflicts of law rules. This Agreement is the entire agreement between the parties with respect to the Software, and supersedes any purchase order, communication, advertisement, or representation concerning the Software. This Agreement shall be benefit of, the parties here to and their respective successors, assigns and legal representatives. If any provision herein is found void or unenforceable, it will not affect the validity of the balance of the Agreement, which shall remain valid and enforceable according to its terms. This Agreement may only be modified in writing signed by an authorized officer of EPSON.	
9. U.S. Government End Users. If you are acquiring the Software on behalf of any unit or agency of the United States Government, the following provisions apply. The Government agrees: (i) if the Software is supplied to the Department of Defense (DoD), the Software is dassified as "Commercial Computer Software" and the Government is acquiring only "restricted rights" in the Software and its documentation as that term is defend in Clause 15: 1072 (2014) for DEFOST on Clause 15: 1072 (20	~
Do you agree to all of the terms in the license agreement? If you agree, select [I agree] and then click [Next].	
● I agree. O I do not agree.	
Save as file <back(b) next(n)=""> Cancel</back(b)>	

Click the Start button and accept the warning about updating the firmware.

2 3							
	4 5 6	7					
elect the Printer							
Lunder Model Name, selec	t the printer(s) you want	t to undate.					
2. Click [Start] to begin upda	ating.	. to optimize					
Firmware File:	FWH284TL						
Software	Version			Vendor Name			
Firmware	02.39.MZ	201JA					
Model Name	Connec	tion Type	Status				IP Addre
	USB		Unknown				
<							3
	Select All		Remove All		Ref	fresh	
							Read
				<back(<u>B)</back(<u>	Start		Cancel
2 3	4 5 6	7					
Overall Progress:	<b>- -</b>						1/
Overall Progress:							1/
Dverall Progress: Current Progress:	FWH284TL						1/
Dverall Progress: Current Progress: Firmware File: Software	FWH284TL Version			Vendor Name			1/
Dverall Progress: Current Progress: Firmware File: Software Firmware	FWH284TL Version 02.39.M2	:01JA		Vendor Name			1/
Overall Progress: Current Progress: Firmware File: Software Firmware	FWH284TL Version 02.39.M2	101JA		Vendor Name			1/
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List:	FWH284TL Version 02.39.M2	201JA		Vendor Name			1/
Dverall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status	FWH284TL Version 02.39.MZ	201JA Model Na	me	Vendor Name	Connection Type	IP Addres	1/ 100
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete	FWH284TL Version 02.39.MZ	201JA Model Nar	me	Vendor Name	Connection Type USB	IP Addres	1/ 100
Dverall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete	FWH284TL Version 02.39.MZ	2013A Model Nar	me	Vendor Name	Connection Type USB	IP Addres	1/ 100
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete	FWH284TL Version 02.39.MZ	201JA Model Nat	me	Vendor Name	Connection Type USB	IP Addres	1/ 100
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete	FWH284TL Version 02.39.MZ	20 LIA Model Nar	me	Vendor Name	Connection Type USB	IP Addres	1/ 100 s
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete	FWH284TL Version 02.39.MZ	201JA Model Na	me	Vendor Name	Connection Type USB	IP Addres	1/ 100
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete C Status Letailed Information: The firmware has been dow Wait for the printer to turn	FWH284TL Version 02.39.MZ	20 LIA Model Nar	me	Vendor Name	Connection Type US8	IP Addres	1/ 100
Cverall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete C Status The firmware has been dow Wait for the printer to turn	FWH284TL Version 02.39.MZ	201JA Model Nar	me	Vendor Name	Connection Type USB	IP Addres	s
Overall Progress: Current Progress: Firmware File: Software Firmware Jpdate Printer List: Status Transfer complete C Status Transfer complete C Status The firmware has been dow Wait for the printer to turn	FWH284TL Version 02.39.MZ	201JA Model Nai	me	Vendor Name	Connection Type USB	IP Addres	s
Overall Progress: Current Progress: Firmware File: Software Firmware Update Printer List: Status Transfer complete Catalled Information: The firmware has been dow Wait for the printer to turn	FWH284TL Version 02.39.M2	20 LIA Model Na	me	Vendor Name	Connection Type USB	IP Addres	1/ 100

At this point, the chipless firmware will be downloaded to the printer. The firmware progress will be shown on the display. The completion of the process of downloading the firmware to the printer will be indicated by the reboot of the printer.

If the firmware progress freezes for more than 30 minutes, unplug the power cord and start printer manually with only one "turn on".

### STEP 4.

Turn on the printer in normal mode (using the power button) and run the INKCHIP Activation program on the computer.

[]	
[Resources]	
e_dge321	dll
ENBoost	dll
FWG512TL	efu 👘
INKCHIP.net_Activation	exe
INKCHIP.net_Firmware	exe
Unzip32	dll
	[] [Resources] e_dge321 ENBoost FWG512TL INKCHIP.net_Activation INKCHIP.net_Firmware Unzip32

### STEP 5.

In INKCHIP Activation select your printer model and click the Activate Online button. In the window that opens, enter the activation key and click OK. The program will send a request to the inkchip.net server and activate chipless firmware.

An activation key can be purchased at inkchip.net. The key has a limited validity period and is suitable for only one specific printer.

INKCHIP.net Activation	– 🗆 X
English Russian Spanish	
USB010:(XP-3100 Series)	Refresh
Printer`s ID	
	Сору
	Activate online
Recovery code	
	Paste
	Recover



# STEP 6.

Save the firmware recovery code, which will be generated in the appropriate program window. This code will be needed if necessary, to restore chipless firmware.

INKCHIP.net Activation	– 🗆 🗙
English Russian Spanish	
USB010:(XP-3100 Series)	Refresh
Printer`s ID	
Serial:X6D7097475 ID Code: TwiSKkAyJcIESdsjiN83sMXQrymzykb +YaK9FDvR	Сору
+ILoCjIpQHHU/FNU3RADWGwj9PN5sxaK ydpcZgNJINhIHu +c28DhgTSazyzbG3grgim92dECxxjuNPPeHZQem	Activate online
jPLpwWSJ2OW1zcxbNCJjBZbMV5w=	
Recovery code	
LnfT4pSGLiDls6Nmp7IQeh +AZXYBAAAADAAAABE/raWcFi7qOuwEN30NRG iqRbn3AwAAAJ8A AAB/AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Paste
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Recover

### STEP 7.

Turn off the printer using the power button. The device is flashed into a chipless version.

### STEP 8.

#### Install the supplies in the printer and turn it on. The printer will be ready for use.

**IT's IMPORTANT!** Do not turn on the printer after activating the firmware without consumables installed - this may lead to the failure of the print head of the printer.



# Chipless firmware recovery

If, after a while, your printer starts displaying a message asking you to install ink cartridges, most likely the chipless firmware has been updated to the factory one and you need to restore the chipless firmware.

### STEP 1.

Follow the procedure for downloading chipless firmware to the device by following steps 1-3 of this manual.

## STEP 2.

In INKCHIP Activation, select your printer model, paste the recovery code into the Recovery Code field and click the Recover button. The program will send a request to the inkchip.net server and reactivate the chipless firmware.

The recovery code must be saved when the device is initially flashed to chipless. For a specific device (identification is carried out by the serial number), only its recovery code is suitable.

INKCHIP.net Activation	– 🗆 🗙
English Russian Spanish	
USB010:(XP-3100 Series)	Refresh
Printer`s ID	
	Сору
	Activate online
Recovery code	
	Paste
	Recover

### STEP 3.

Turn off the printer using the off button and then turn it on again. Chipless firmware restored.

