Instructions for updating the printer firmware in chipless, method 1

Compatible Epson Printer Models: XP-340; XP-341; XP-343; XP-345; XP-352; XP-355; XP-440; XP-441; XP-442; XP-445; XP-446; XP-3100; XP-3105; EW-452A; XP-4100; XP-4101; XP-4105; XP-640; XP-645; XP-6000; XP-15000; XP-15010; EP-50V; WF-C5210; PX-S884; WF-5290

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.

Turn off your printer using the power button and wait at least one minute.

STEP 3.

Connect the printer to a Windows computer using a USB cable.

STEP 4.

Enter the printer in special mode for firmware. To do this, simultaneously hold down the following buttons on the printer control panel: "CANCEL" (1) + "LEFT ARROW" (2) + "DOWN ARROW" (3) + "POWER BUTTON" (4). Hold this combination for 3-5 seconds until "Firmware Update Mode" or "Program Update Mode" appears on the printer display (depending on the specific printer model) and release all buttons.



Please note that the inscription on the display must be in white font. If the text is red, this is an incorrect mode, turn off the printer, and then repeat the procedure for entering the printer in firmware mode.



INKCHIP Solution For Chipless Printing



STEP 5.

Launch the INKCHIP Firmware program on your computer.

🛳 []	
[Resources]	
🚳 e_dge321	dll
🚳 ENBoost	dll
FWG512TL	efu
🔢 INKCHIP.net_Activation	exe
BINKCHIP.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.

INKCHIP.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.	
7. 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.	
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 binding upon, and inure to the benefit of, the parties hereto 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 classified as "Commercial Computer Software" and the Government is acquiring only "restricted rights" in the Software and its documentation as that term is defend in Classified to acquire the Software is acquiring to a supplied to apply the software and its documentation as that term is defend in Classified to acquire the Defendence of the Defendence	~
Do you agree to all of the terms in the license agreement? If you agree, select [I agree] and then click [Next].	
● I agree.	
Save as file <back(b) next(n)=""> Cancel</back(b)>	



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

1. Under Model Name, select the printer(s) you want to update. 2. Cik (Start) to begin updating. Firmware File: FWH284TL Software Version Vendor Name Firmware 0.2.39.M201JA Model Name Connection Type Status USB Unknown Connection Type Status Select All Remove All Refresh Ready Caract Select All Remove All Refresh Ready Caract Firmware File: FWH284TL Software Version J / Current Progress:						
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At this point, chipless firmware will be downloaded to the printer. The completion of the download process on to the printer will be indicated by the word "FINISHED" on the printer display. After that, press the "OK" button on the control panel and the printer will turn off.



INKCHIP Solution For Chipless Printing



STEP 6.

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

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

STEP 7.

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 8.

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	- 🗆 X
English Russian Spanish	
ISB010:(XP-3100 Series)	Refresh
Printer`s ID	
Serial:X6D7097475 ID Code: TwiSKkAyJcIESdsjiN83sMXQrymzykb +YgK9FDyR	Сору
+ILoCjlpQHHU/FNU3RADWGwj9PN5sxaK ydpcZgNJINhIHu +c28DhgTSazyzbG3grgim92dECxxjuNPPeHZQem	Activate online
K6B30UeuVK+xylZiNO4 jPLpwWSJ2OW1zcxbNCJjBZbMV5w=	
Recovery code	
LnfT4pSGLiDls6Nmp7IQeh +AZXYBAAAADAAAABE/raWcFi7qOuwEN30NRG iqRbn3AwAAAJ8A AAB/AAAAAAAA09wGORowLeDLDMyAAAAAA	Paste
AAAAAA/////////wg0AQAAAAAAAAApjlex NPbpC5Yc93AAAAAAAAAAAAPCjSwM=	Recover

STEP 9.

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

STEP 10.

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.

