

**Uni HP CF217 APEX Chip
Reset Operating Instruction
V1.0**

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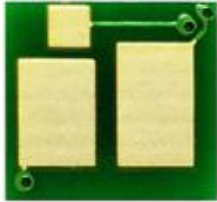
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1. Features

Reset for the APEX blank and finished chips in model, color, yield and region.

2. HP CF217 Series Chip and JIG




Chip



JIG

3. Operating Procedure

APEX Reset & APEX Check & APEX Scan

1. Click  in the main interface to browse the printer brands by sliding in the screen.
2. Click the desired printer brand or find it by the SEARCH function as figure 2, and enter its secondary interface.
3. Key in "217" as the red square in figure 3.
4. Click the "Printer" icon as the orange square to check the applicable printer models as figure 4.
5. Click "CF217A-N" as the blue square in figure 3 to enter the final interface as figure 5.

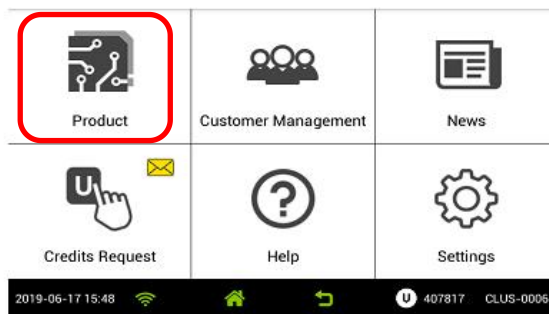


Figure 1

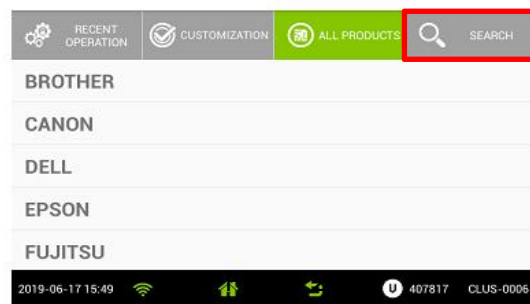


Figure 2

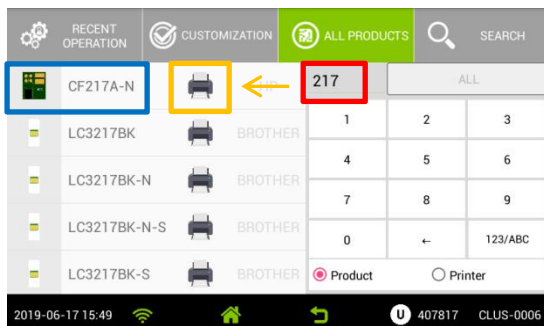


Figure 3

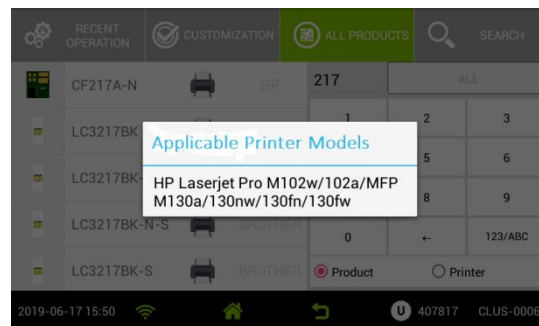


Figure 4

Press confirm button on the JIG or the Unismart device to carry out the operation.

Ensure the test head is contacted with the chip correctly.

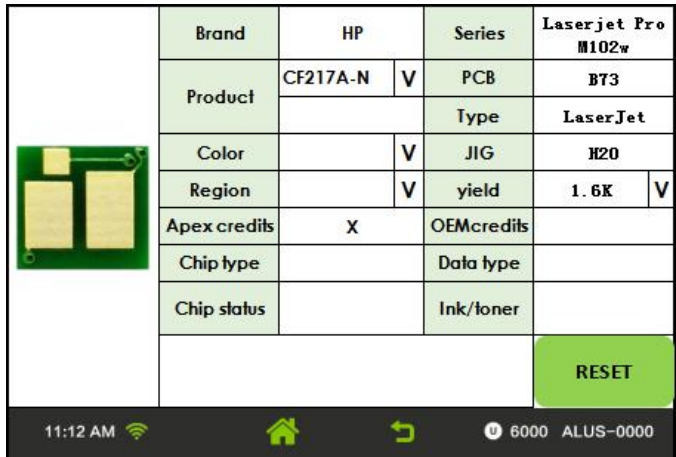


Figure 5

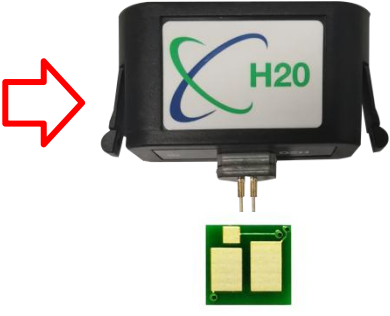


Figure 6

After the chip is successfully scanned, you can enter the final operation interface. Click to switch functions "CHECK" and "SCAN", and press the "Confirm" button on the JIG or Unismart device to carry out the chip operation.

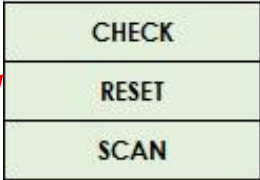


Figure 7

Notes:

- ◆ Using button to scan and check the chip information can only be realized in the main interface and final interface.
- ◆ The operation procedure above is for CF217 reset and it can also be applied to other PCB.

4. Notices

- ◆ The JIG H20 can rewrite the blank and finished chips in model, color, yield and region.
- ◆ With DULL-prevention hardware design, the JIG H20 is capable to reset the chips on both the obverse and the reverse counterpoints.

5. Code Hinting and Meanings

Coding Hinting	Meaning	Analysis
Chip Already OK	Chip Already OK	/
Operation failed	Operation failed	①The chip is damaged. ②The JIG's probe does not align the contactors on the chip. ③The JIG is placed in the opposite direction.
Operation succeeded	Operation succeeded	/
Chip not match	Chip doesn't match	The chip that needs to be reset cannot select the current model.
Data not match	Data not match	①The chip is installed and its data is rewritten by the printer. ②The detected chip model doesn't match with the selected model on the Unismart device.
Chip is locked	Chip is locked	/
Chip's useful life is over	Chip's useful life is over	/
Brand new chip	Brand new chip	/
No chip detected	No chip detected	/
Wrong JIG ID	Wrong JIG ID	/
Not found JIG	Not found JIG	/

6. Model List

PCB Code	JIG	Brand	Apex Product Code	OEM Product Code	Color	Yield	Region	For Use in Printers
PCB-B73	H20	HP	ALH-CF217A-N	CF217A-N	K	1.6K	WW	HP Laserjet Pro M102w/102a/MFP M130a/130nw/130fn/130fw
PCB-B73	H20	HP	ALH-CF218A-N	CF218A-N	K	1.4K		HP Laserjet Pro M104a/104w/MFP M132a/132fw/132nw/132fn
PCB-B73	H20	HP	ALH-CF219A-N	CF219A-N (Drum)	K	12K		HP Laserjet Pro M102a/102w/MFP M130a/130fw/130nw/130fn/M104a/104w/MFPM132a/132fw/132nw/132fn
PCB-B73	H20	HP	ALH-CF230A-N	CF230A-N	K	1.6K		HP LaserJet Pro M203dw/203dn/MFP M227fdw/227sdn
PCB-B73	H20	HP	ALH-CF230X-N	CF230X-N	K	3.5K		
PCB-B73	H20	HP	ALH-CF231A-N	CF231A-N	K	5K		HP LaserJet Ultra MFP M230sdn/

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								M230fdw/M206dn
PCB-B73	H20	HP	ALH-CF294A-N	CF294A-N	K	1.2K	WW	HP LaserJet Pro M118dw/MFP M148dw/148fdw/M149fdw
PCB-B73	H20	HP	ALH-CF294X-N	CF294X-N	K	2.8K		HP LaserJet Pro M203dw/203dn/MFP M227fdw/227sdn/M118dw/M148dw/148fdw/M149fdw/UltraMFP M230sdn/M230fdw/M206dn
PCB-B73	H20	HP	ALH-CF232A-N	CF232A-N(Drum)	K	23K		HP LaserJet Ultra MFP M134fn/134a/M106w
PCB-B73	H20	HP	ALH-CF234A-N	CF234A-N(Drum)	K	9.2K		HP LaserJet Pro M15w/15a/MFP M28w/28a
PCB-B73	H20	HP	ALH-CF244A-N	CF244A-N	K	1K	EMEA	HP LaserJet Pro M15w/15a/MFP M28w/28a
PCB-B73	H20	HP	ALH-CF248A-N	CF248A-N	K	1K	ROW	
PCB-B73	H20	HP	ALH-CF247A-N	CF247A-N	K	1.4K	CHN/IN	
PCB-B73	H20	HP	ALH-CF500A-N	CF500A-N	K	1.4K	WW(ex. CIS/RU/ EMEA)	HP LaserJet Pro M254dw/254nw/ M280nw/M281fdw/281fdn
PCB-B73	H20	HP	ALH-CF501A-N	CF501A-N	C	1.3K		
PCB-B73	H20	HP	ALH-CF502A-N	CF502A-N	Y	1.3K		
PCB-B73	H20	HP	ALH-CF503A-N	CF503A-N	M	1.3K		
PCB-B73	H20	HP	ALH-CF500X-N	CF500X-N	K	3.2K		
PCB-B73	H20	HP	ALH-CF501X-N	CF501X-N	C	2.5K		
PCB-B73	H20	HP	ALH-CF502X-N	CF502X-N	Y	2.5K		
PCB-B73	H20	HP	ALH-CF503X-N	CF503X-N	M	2.5K		
PCB-B73	H20	HP	ALH-CF540A-N	CF540A-N	K	1.4K	CIS/RU/ EMEA	HP Color LaserJet Pro M254dw/254nw/MFP M280nw/ MFP M281fdw/281fdn
PCB-B73	H20	HP	ALH-CF541A-N	CF541A-N	C	1.3K		
PCB-B73	H20	HP	ALH-CF542A-N	CF542A-N	Y	1.3K		
PCB-B73	H20	HP	ALH-CF543A-N	CF543A-N	M	1.3K		
PCB-B73	H20	HP	ALH-CF540X-N	CF540X-N	K	3.2K		
PCB-B73	H20	HP	ALH-CF541X-N	CF541X-N	C	2.5K		
PCB-B73	H20	HP	ALH-CF542X-N	CF542X-N	Y	2.5K		
PCB-B73	H20	HP	ALH-CF543X-N	CF543X-N	M	2.5K		
PCB-B73	H20	HP	ALH-CF510A-N	CF510A-N	K	1.1K	WW(ex. CIS/RU/ EMEA)	HP LaserJet Pro M154nw/154a/ M180nw/180n/M181fw
PCB-B73	H20	HP	ALH-CF511A-N	CF511A-N	C	0.9K		
PCB-B73	H20	HP	ALH-CF512A-N	CF512A-N	Y	0.9K		
PCB-B73	H20	HP	ALH-CF513A-N	CF513A-N	M	0.9K		
PCB-B73	H20	HP	ALH-CF530A-N	CF530A-N	K	1.1K	CIS/RU/ EMEA	HP Color LaserJet Pro MFP M181fw/M180n
PCB-B73	H20	HP	ALH-CF531A-N	CF531A-N	C	0.9K		
PCB-B73	H20	HP	ALH-CF532A-N	CF532A-N	Y	0.9K		
PCB-B73	H20	HP	ALH-CF533A-N	CF533A-N	M	0.9K		
PCB-B73	H20	HP	ALH-CF237A-N	CF237A-N	K	11K	WW	HP LaserJet Enterprise M607dn/607n/608n/608x/608dn/
PCB-B73	H20	HP	ALH-CF237X-N	CF237X-N	K	25K		

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PCB-B73	H20	HP	ALH-CF237Y-N	CF237Y-N	K	41K		609dn/609x/Flow MFP M631h/632z/ 633z/MFP M632h/631dn/631z/ 632fht/633fh		
PCB-B73	H20	HP	ALH-CF450A-N	CF450A-N	K	12.5K		HP Color LaserJet Enterprise M652n/M652dn/M653dn/M653x/ 653dh/MFPM681f/M681dh/M681/ Flow MFP M681f/682z		
PCB-B73	H20	HP	ALH-CF451A-N	CF451A-N	C	10.5K				
PCB-B73	H20	HP	ALH-CF452A-N	CF452A-N	Y	10.5K				
PCB-B73	H20	HP	ALH-CF453A-N	CF453A-N	M	10.5K				
PCB-B73	H20	HP	ALH-CF460X-N	CF460X-N	K	27K	WW		HP Color LaserJet Enterprise M652n/M652dn/M653dn/ M653x/653dh	
PCB-B73	H20	HP	ALH-CF461X-N	CF461X-N	C	22K				
PCB-B73	H20	HP	ALH-CF462X-N	CF462X-N	Y	22K				
PCB-B73	H20	HP	ALH-CF463X-N	CF463X-N	M	22K				
PCB-B73	H20	HP	ALH-CF470X-N	CF470X-N	K	28K				
PCB-B73	H20	HP	ALH-CF471X-N	CF471X-N	C	23K		HP Color LaserJet Enterprise MFP M681f/M681dh/M681z/ Flow MFP M681f/682z		
PCB-B73	H20	HP	ALH-CF472X-N	CF472X-N	Y	23K				
PCB-B73	H20	HP	ALH-CF473X-N	CF473X-N	M	23K				
PCB-B73	H20	CANO N	ALC-047	CRG-047	K	1.6K			WW	Canon Image Class LBP113w/112/MF113w/MF112
PCB-B73	H20	CANO N	ALC-049	CRG-049(Drum)	K	12K				
PCB-B73	H20	CANO N	ALC-050Drum	CRG-050(Drum)	K	10K	CHN	Canon Image Class LBP913w/MF913w		
PCB-B73	H20	CANO N	ALC-051	CRG-051	K	1.7K	WW	Canon Image Class LBP162dw		
PCB-B73	H20	CANO N	ALC-051H	CRG-051H	K	4.1K				
PCB-B73	H20	CANO N	ALC-051Drum	CRG-051(Drum)	K	23K	WW	Canon Color Image Class MF642Cdw		
PCB-B73	H20	CANO N	ALC-054K	Toner-054K	K	1.5K	USA			
PCB-B73	H20	CANO N	ALC-054C	Toner-054C	C	1.2K				
PCB-B73	H20	CANO N	ALC-054M	Toner-054M	M	1.2K				
PCB-B73	H20	CANO N	ALC-054Y	Toner-054Y	Y	1.2K				

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