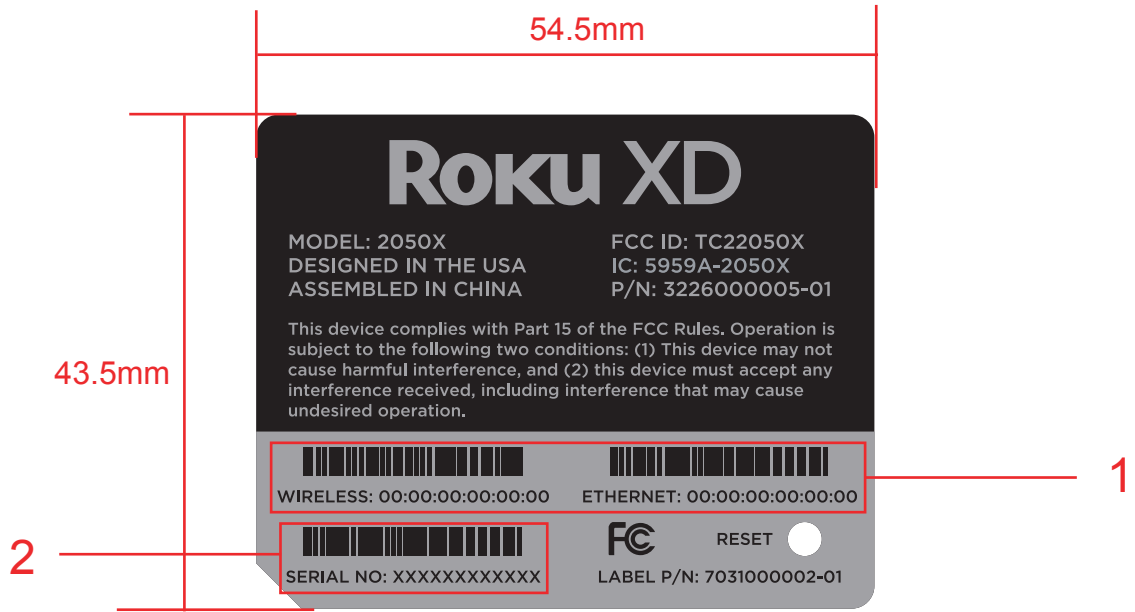


REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00	N/A	N/A	10.06.01	First Release	Annie Huang
01			10.06.17	update label content	Annie Huang
02	02		10.06.30	change the font size to 5.1 pt and change the P/N to 500.01111.005	Annie Huang

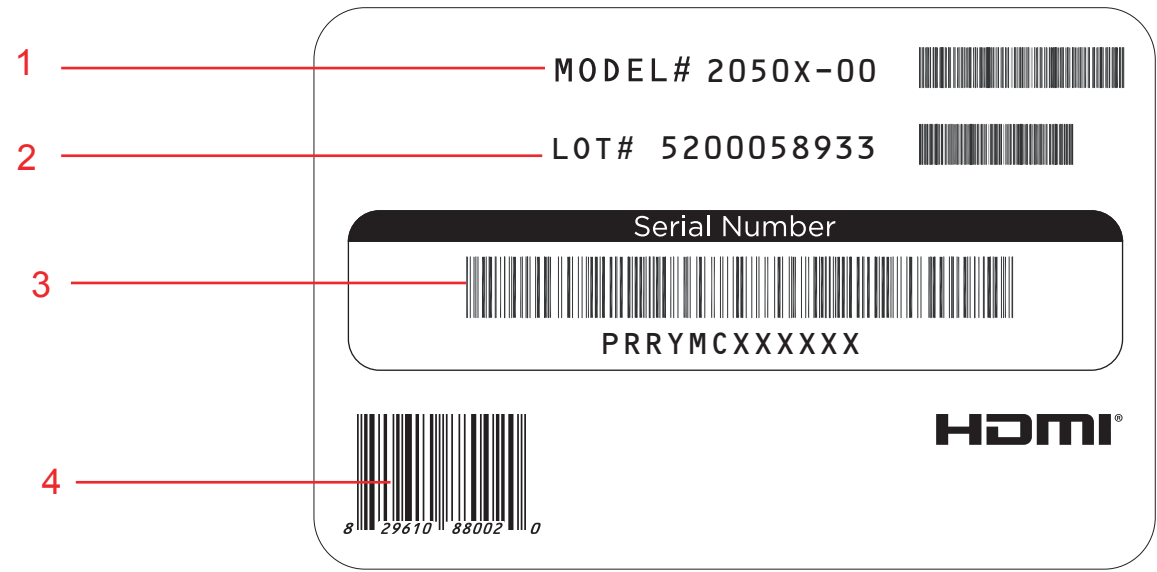


- 1.WIRELESS # = ETHERNET # +1,
Barcodes contain “: ”,
Barcode type:128 code.
- 2.SERIAL NO refer to page 5 to page 7,
Barcode type:39 code.
- 3.Font:Gotham Medium,5.1 pt. **Mark 02**

標籤制作黏貼方式/U89X011.02/REV:01/1 OF 7

MATERIAL (SPEC.) 50# Mylar(啞白)		SCALE 1:1	FOXCONN HON HAI PRECISION IND. CO., LTD. CNSBG																																																																															
FINISH		SHEET 1/1																																																																																
Select <table border="1"> <thead> <tr> <th>Dim.</th> <th>Tol.</th> <th>A</th> <th>B</th> <th>C</th> <th>EPS</th> <th>EPE</th> <th>BAG</th> <th>CTN</th> <th>* Label</th> <th>USR</th> </tr> </thead> <tbody> <tr> <td>0~6</td> <td>0.05</td> <td>0.05</td> <td>0.10</td> <td>0.20</td> <td>0.50</td> <td>0.50</td> <td>3.00</td> <td>0.20</td> <td>0.20</td> <td></td> </tr> <tr> <td>6~30</td> <td>0.10</td> <td>0.15</td> <td>0.20</td> <td>0.50</td> <td>1.00</td> <td>1.00</td> <td>5.00</td> <td>2.00</td> <td>0.25</td> <td></td> </tr> <tr> <td>30~120</td> <td>0.15</td> <td>0.20</td> <td>0.30</td> <td>0.50</td> <td>1.00</td> <td>1.00</td> <td>10.00</td> <td>3.00</td> <td>0.30</td> <td></td> </tr> <tr> <td>120~300</td> <td>0.20</td> <td>0.30</td> <td>0.40</td> <td>0.50</td> <td>2.00</td> <td>2.00</td> <td>15.00</td> <td>5.00</td> <td>0.50</td> <td></td> </tr> <tr> <td>300~450</td> <td>0.25</td> <td>0.40</td> <td>0.50</td> <td>0.60</td> <td>3.00</td> <td>3.00</td> <td>20.00</td> <td>5.00</td> <td>0.80</td> <td></td> </tr> <tr> <td>450~600</td> <td>0.30</td> <td>0.50</td> <td>0.60</td> <td>0.80</td> <td>3.00</td> <td>3.00</td> <td>20.00</td> <td>5.00</td> <td>0.80</td> <td></td> </tr> </tbody> </table>		Dim.	Tol.	A	B	C	EPS	EPE	BAG	CTN	* Label	USR	0~6	0.05	0.05	0.10	0.20	0.50	0.50	3.00	0.20	0.20		6~30	0.10	0.15	0.20	0.50	1.00	1.00	5.00	2.00	0.25		30~120	0.15	0.20	0.30	0.50	1.00	1.00	10.00	3.00	0.30		120~300	0.20	0.30	0.40	0.50	2.00	2.00	15.00	5.00	0.50		300~450	0.25	0.40	0.50	0.60	3.00	3.00	20.00	5.00	0.80		450~600	0.30	0.50	0.60	0.80	3.00	3.00	20.00	5.00	0.80		UNIT MM	PART NAME Belly label		
Dim.	Tol.	A	B	C	EPS	EPE	BAG	CTN	* Label	USR																																																																								
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DRAFT TOLERANCE ± 0.2° CRITICAL DIM. MARK *		SIZE A4	MODEL U89X011.02	PART NO. 500.01111.005	DESIGNED Annie Huang																																																																													
			CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED Sunny Wu																																																																													

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00	N/A	N/A	10.06.12	First Release	Annie Huang
01			10.07.10	add UPC Barcode	Annie Huang



- 1.MODEL Name
- 2.LOT # follow foxconn's standard.
- 3.Serial Number refer to page 5 to page 7
- 4.UPC Value = 8-29610-88002-0,
Barcode type:UPC-A
- 5.Font:OCR-B
- 6.Barcode type:all of the barcodes is 39 code except the UPC barcode.

標籤制作黏貼方式/U89X011.02/REV:01/2 OF 7

MATERIAL (SPEC.)										SCALE		FOXCONN HON HAI PRECISION IND. CO., LTD. CNSBG			
50# Mylar(哑白)										1:1					
FINISH										SHEET		PART NAME			
										1/1					
Select										UNIT		PART NO.			
Dim. Tol. A B C EPS EPE BAG CTN * Label USR										MM					
0~6 0.05 0.05 0.10 0.50 0.50 3.00 2.00 0.20										SIZE		DESIGNED			
6~30 0.10 0.15 0.20 0.50 0.50 5.00 2.00 0.20										A4					
30~120 0.15 0.20 0.30 0.50 0.50 10.00 3.00 0.30												APPROVED			
120~300 0.20 0.30 0.40 1.00 1.00 15.00 5.00 0.50															
300~450 0.25 0.40 0.50 2.00 2.00 20.00 5.00 0.50										CUSTOMER MODEL			CUSTOMER PART NO.		
450~600 0.30 0.50 0.60 3.00 3.00 20.00 5.00 0.80										U89X011.02			504.00691.005		
DRAFT TOLERANCE ± 0.2° CRITICAL DIM. MARK *										CUSTOMER MODEL			Sunny Wu		

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			10.06.15	first design	Annie Huang
01			10.06.18	update label content	Annie Huang
02			10.07.14	update label's P/N to 503.00699.005	Annie Huang

101.6mm

190.5mm

ROKU® QTY:  *14*

PN:  2050X-00

 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*
 *PRRYMCXXXXXX*	 *PRRYMCXXXXXX*

UCC:  1-08-29610-88002-7

Carton:  xxxxxx

Lot:  xxxxxx

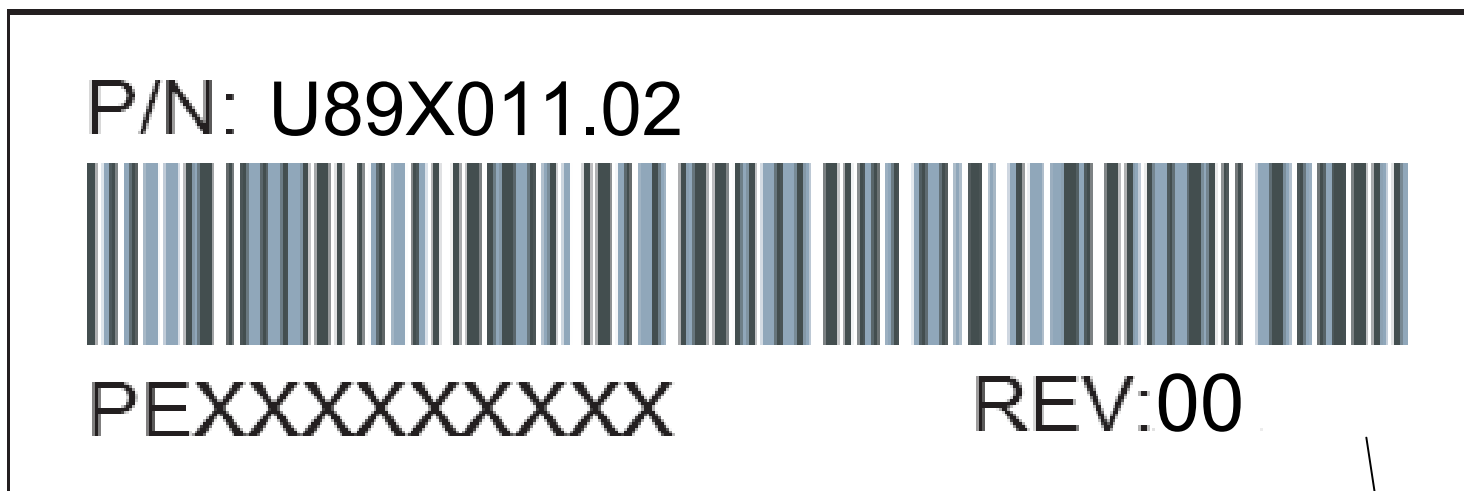
Assembled in China

- Notes:
1. Serial Number refer to page 5 to page 7.
 2. UCC # is fixed, Barcode type: code 128, Barcoede must contain "-"
 3. Carton ID & Lot # follow foxconn's standard.
 4. Font: Arial Bold.
 5. Barcode type: all of the barcodes is code 39 except the UCC barcode.

標籤制作黏貼方式/U89X011.02/REV:01/3 OF 7

MATERIAL (SPEC.)										SCALE		<p align="center">FOXCONN</p> <p align="center">HON HAI PRECISION IND. CO., LTD.</p> <p align="center">CNSBG</p>																																																																																							
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																Sunny Wu																																																																																			

4.Pallet Label(503.00089.005)110mm*36mm (follow foxconn standard)



1.Barcode and text content:

PEXXXXXXXXXX: P+產地+線別+年+生產週別+流水號

REV:00 版本號

例如:PEL10480001

- P—Pallet
- E —產地編號(上海國基)
- L1—L1線
- 0—2000年
- 48—第48周
- 0001—序號四碼

- 1)Font: Arial
- 2)Height:7.79mm
- 3)Width: 90%
- 4)Format: Code 39
- 5)Height:11.98mm
- 6)Narrow Bar Width: 6 Dots
- 7)Ratio: 2.7
- 8)Space correction:0

PRRYMCXXXXXX

P: Prefix. ROKU is responsible for assigning new prefixes. The prefix is a base 31 characters which uniquely identifies the FA part number. The prefix is unchanged for product revisions.

Prefix	Description
1	Roku STB with composite, audio connector and Ethernet connectors (Obsolete)
2	Roku STB with composite, audio connector, Ethernet, HDMI, component and SPDIF connectors. (N1000)
3	Roku BrightSign Compact HD110 (U89X002.01)
4	Roku BrightSign Compact HD410 (U89X002.02)
5	Roku BrightSign Compact HD810 (U89X002.03)
6	Roku BrightSign Compact HD1010
7	Roku BrightSign Compact HD210 (U89X002.05)
8	Roku BrightSign Expander Module (U89X004.00)
9	Roku BrightSign WiFi Module
A	Roku BrightSign Compact HD1010v2 (U89X002.04)
C	Roku Redwood STB with 64MB NAND and B/G WiF. (N1100)(U89X005.01)
D	Roku Redwood STB with with USB hub, USB port, 256MB NAND and B/G/N WiFi. (N1101) (U89X005.00)
E	Roku BrightSign VGA Converter Module VC100
F	Roku BrightSign Video Feed Module VF100
G	Roku Redwood STB with only Composite video output (N1050)(U89X005.02)
H	Roku Pico HD Classic (U89X011.04)
J	Roku Pico Slimline HD (U89X011.02)
K	Roku Pico Slimline HD-XR (U89X011.03)

RR: Revision. ROKU is responsible for assigning new revision numbers. This 2 digit base-31 character is to match our PCBA EE hardware BOM revision number.

RR	BOM Revision	RR	BOM Revision
01	-01	0H	-0H
02	-02	0J	-0J
03	-03	0K	-0K
04	-04	0L	-0L
05	-05	0M	-0M
06	-06	0N	-0N
07	-07	0P	-0P
08	-08	0R	-0R
09	-09	0S	-0S
0A	-0A	0T	-0T
0C	-0C	0U	-0U
0D	-0D	0V	-0V
0E	-0E	0W	-0W
0F	-0F	0X	-0X
0G	-0G	0Y	-0Y

Y: Year of Manufacture. This single numeric character is the least significant digit of the original year of manufacture. As example, use “7” for 2007. “8” for 2008 and “9” for 2009.

Y	Original Year	Y	Original Year
0	2000, 2010, etc	5	2005, 2015, etc
1	2001, 2011, etc	6	2006, 2016, etc
2	2002, 2012, etc	7	2007, 2017, etc
3	2003, 2013, etc	8	2008, 2018, etc
4	2004, 2014, etc	9	2009, 2019, etc

M: Month of manufacture. This single alphanumeric character denoted the month of original manufacture.

M	Month	M	Month
1	January	7	July
2	February	8	August
3	March	9	September
4	April	A	October
5	May	C	November
6	June	D	December

C: Check Character. This single base-31 character is used to check assignment and reading errors. This digit allows detection of adjacent character transpositions and reading errors. We will use an algorithm call “Luhn mod N” to generate our check character.

- First, look up the value of each character in the below table.

Character	0	1	2	3	4	5	6	7	8	9	A	C	D	E	F	G	H
Code-point	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Character	J	K	L	M	N	P	R	S	T	U	V	W	X	Y
Code-point	17	18	19	20	21	22	23	24	25	26	27	28	29	30

- To generate the check character:
 - start with the last character in the serial number and move left doubling every other character.
 - The "digits" of the code-points as written in base 31 (since there are 31 valid input characters) should then be summed up.

The check character is the number that must be added to obtain the next multiple of 31.

- As an example, if the serial number is NXY7Ax123456:

Character	N	X	Y	7	A	1	2	3	4	5	6
Code-point	21	29	30	7	10	1	2	3	4	5	6
Double	42 (Base 10) 1C (Base 31)		60 (Base10) 1X (Base 31)		20		4		8		12
Reduce digits	1+C		1+X								
Sum of digits	D	29	Y	7	20	1	4	3	8	5	12

Total sum of digits = $D+29+Y+7+20+1+4+3+8+5+12 = 131$. The number that must be added to obtain the next multiple of 31 is 24. So, the check character is "S".

- As another example, if the serial number is X3J7Cx456789:

Character	X	3	J	7	C	4	5	6	7	8	9
Code-point	29	3	17	7	11	4	5	6	7	8	9
Double	58 (Base 10) 1V (Base 31)		34 (Base10) 13(Base 31)		22		10		14		18
Reduce digits	1+V		1+3								
Sum of digits	W	3	4	7	22	4	10	6	14	8	18

Total sum of digits = $W+3+4+7+22+4+10+6+14+8+18 = 124$. The number that must be added to obtain the next multiple of 31 is 0. So, the check character is "0".

XXXXXX: These 6 numeric characters are assigned sequentially. The starting number is "000001" and continues to "999999". This field must not repeat within a calendar month. This field must be reset back to "000001" at the beginning of every month.