



Product / Process Change Notification (PCN)

- ☐ Major Change
☒ Minor Change

PCN Number: PCN_ConUSB31_20240812 Affected Series: WR-USB Affected Order Codes: 632910731731 632920731731 PCN Date: 2024-05-10 (YYYY-MM-DD) Effective Date: 2024-08-12 (YYYY-MM-DD)	Change Category: ☐ Equipment/Location ☒ General Data ☐ Material ☐ Process ☐ Product Design ☐ Shipping/Packaging ☐ Supplier ☐ Software
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eican@we-online.com	Datasheet Change: ☒ Yes ☐ No Attachment: ☐ Yes ☒ No

Description of Change:
 Because of a database mismatch, Würth Elektronik will update the pinout table mentioned in the datasheet.
 This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.

Details of Change:
 The pairs a crossed and not straight like in the "Before change" table:

- Pin B5 are connected via a Yellow wire
- Pin A6 are connected via a Green wire
- Pin A7 are connected via a White wire
- A2 is connected to B11 via an Orange wire and the opposite via a Blue one
- A3 is connected to B10 via a Brown wire and the opposite via a Black one
- B2 is connected to A11 via a White wire and the opposite via a Yellow one
- B3 is connected to A10 via a Red wire and the opposite via a Green one



Before Change

USB-C 3.1 Male			USB-C 3.1 Male		
Pin	Signal Name	Colour	Pin	Signal Name	
A1, B1, A12, B12	GND	BLACK	A1, B1, A12, B12	GND	
A4, B4, A9, B9	VBUS	RED	A4, B4, A9, B9	VBUS	
A5	CC	BLUE	A5	CC	
B5	VCONN	-	B5	VCONN	
A6	Dp1	WHITE	A6	Dp1	
A7	Dn1	GREEN	A7	Dn1	
A2	SSTXp1	ORANGE	A2	SSTXp1	
A3	SSTXn1	BROWN	A3	SSTXn1	
B11	SSRXp1	BLUE	B11	SSRXp1	
B10	SSRXn1	BLACK	B10	SSRXn1	
B2	SSTXp2	WHITE	B2	SSTXp2	
B3	SSTXn2	RED	B3	SSTXn2	
A11	SSRXp2	YELLOW	A11	SSRXp2	
A10	SSRXn2	GREEN	A10	SSRXn2	
A8	SBU1	RED	A8	SBU1	
B8	SBU2	BLACK	B8	SBU2	
Shell	Shield	Braid	Shell	Shield	

After Change

USB-C 3.1 Male			USB-C 3.1 Male		
Pin	Signal Name	Colour	Pin	Signal Name	
A1, B1, A12, B12	GND	BLACK	A1, B1, A12, B12	Ground	
A4, B4, A9, B9	VBUS	RED	A4, B4, A9, B9	VBUS	
A5	CC	BLUE	A5	CC	
B5	VCONN	YELLOW	B5	VCONN	
A6	Dp1	GREEN	A6	Dp1	
A7	Dn1	WHITE	A7	Dn1	
A2	SSTXp1	ORANGE	B11	SSRXp1	
A3	SSTXn1	BROWN	B10	SSRXn1	
B11	SSRXp1	BLUE	A2	SSTXp1	
B10	SSRXn1	BLACK	A3	SSTXn1	
B2	SSTXp2	WHITE	A11	SSRXp2	
B3	SSTXn2	RED	A10	SSRXn2	
A11	SSRXp2	YELLOW	B2	SSTXp2	
A10	SSRXn2	GREEN	B3	SSTXn2	
A8	SBU1	RED	B8	SBU2	
B8	SBU2	BLACK	A8	SBU1	
Shell	Shield	Braid	Shell	Shield	

Reliability / Qualification of Change:

There will be no change of the product, therefore no additional reliability or qualification testing was performed.