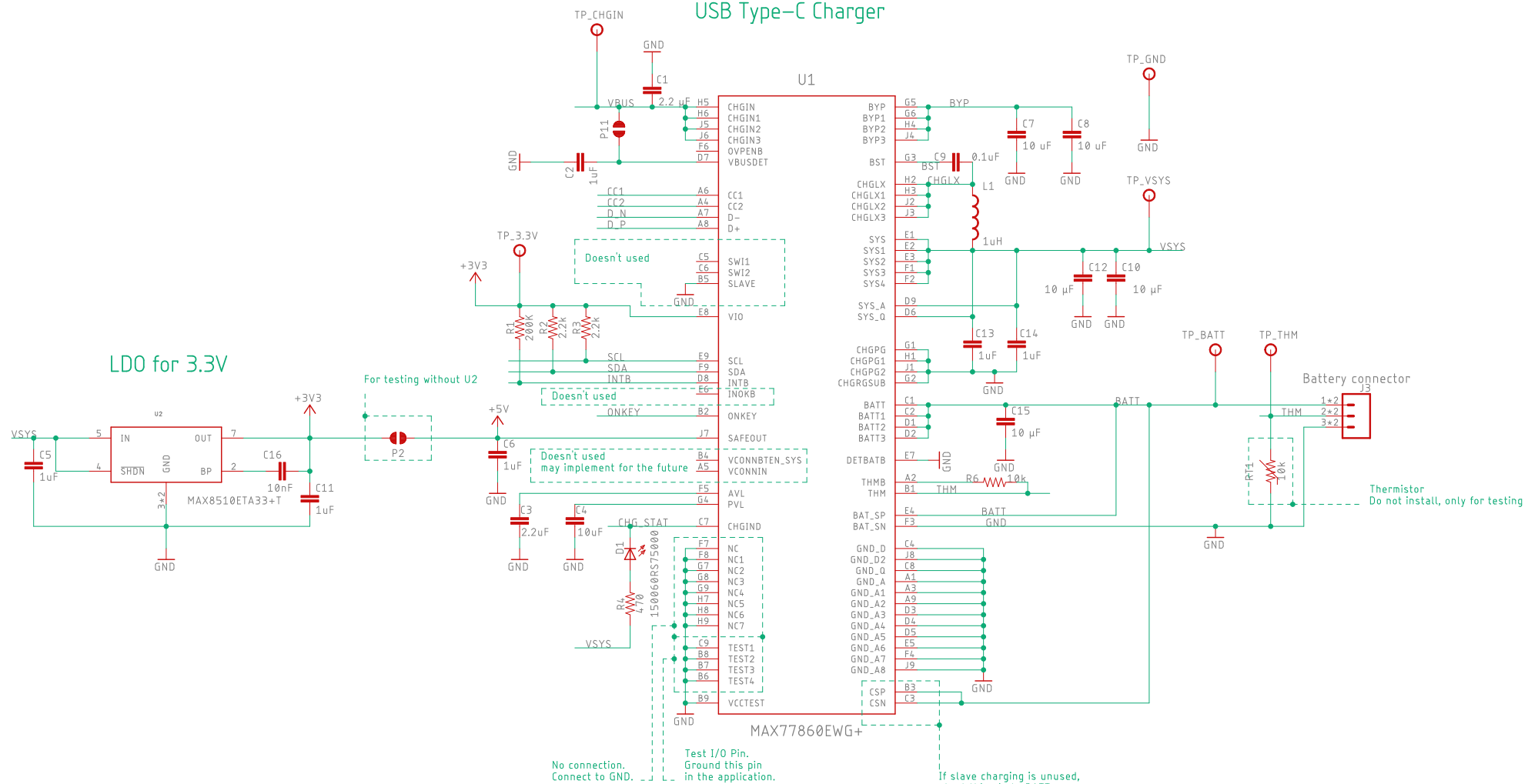
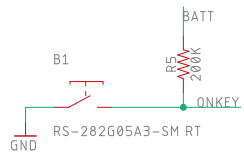


# USB Type-C Charger



## Exits ship mode – button

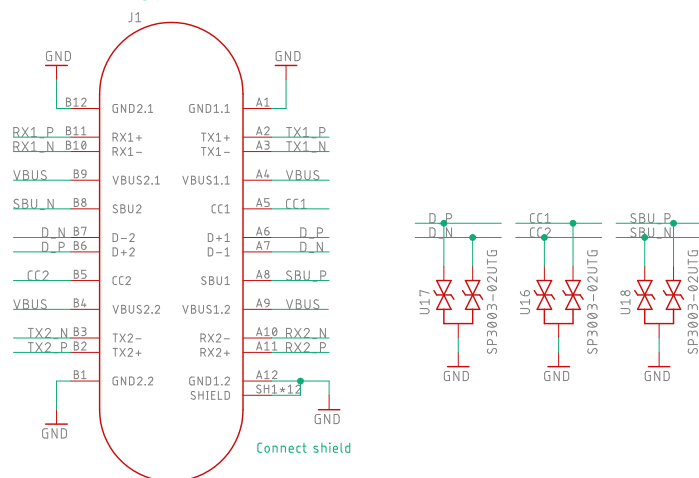


USB\_charge\_PCB\_V1

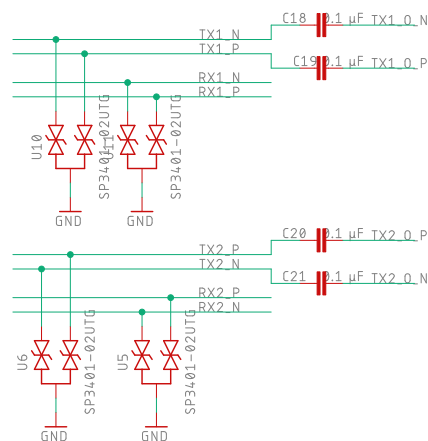
10.08.2021 10:23

Sheet: 1/3

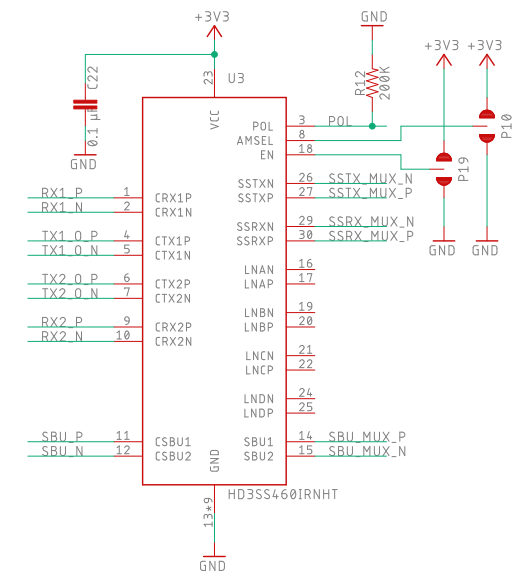
## Type C



## ESD protection



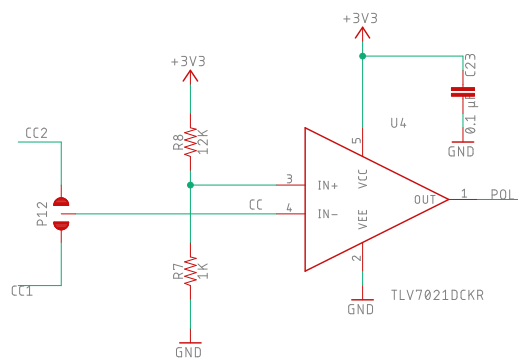
## MUX for connection Type-C to USB3



## MUX Control for High Speed and Low Speed SBU Channels

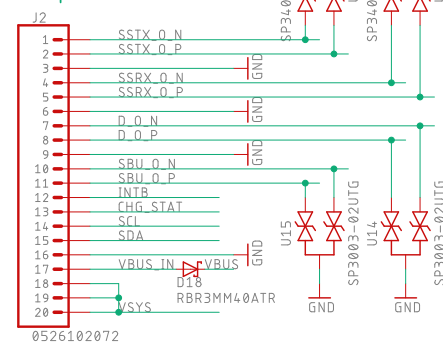
POL	AMSEL	EN	CONFIGURATIONS	CRX1	SSRX	CSBU1	SBU1
L	L	H	2CH USBSS + 2CH AM (Normal)	--	--	--	--
H	L	H	2CH USBSS + 2CH AM (Flipped)	--	--	--	--

## Orientation detection

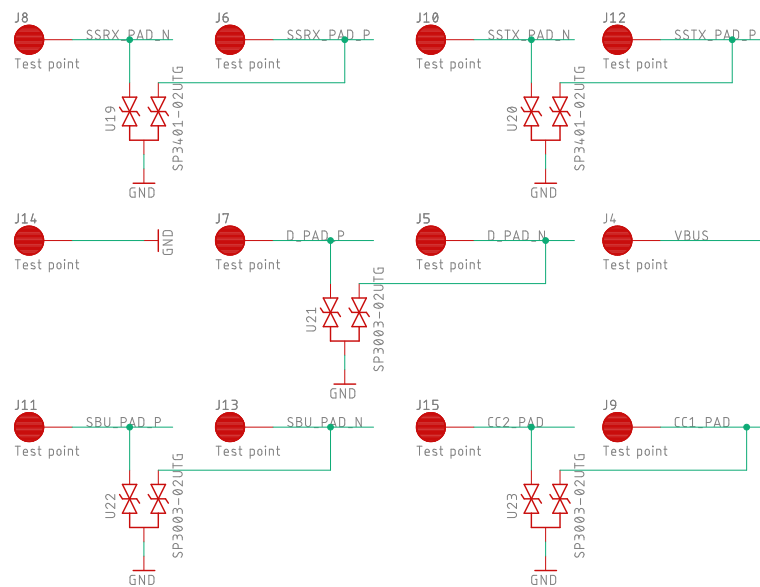


CC Pin Circuitry from doc  
AN1914  
<http://ww1.microchip.com/downloads/en/AppNotes/00001914B.pdf>

## 20 pins connector



## Super Speed USB type A plug pinout



## USB isles with cutting key

