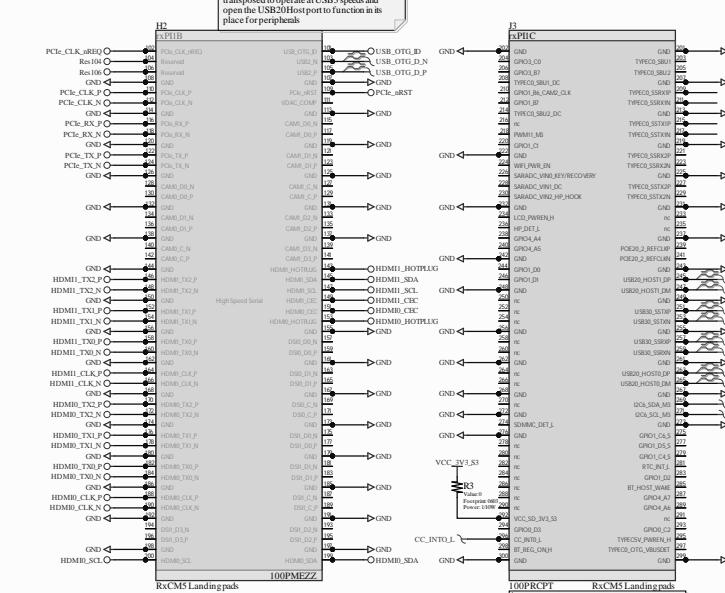
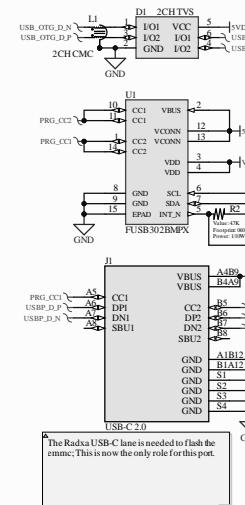


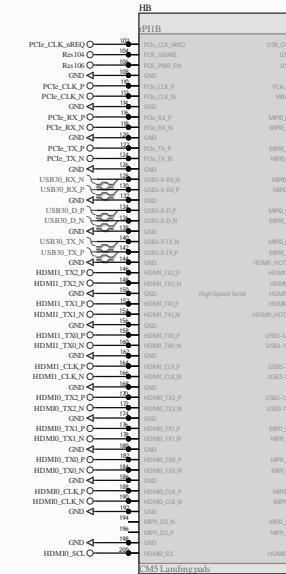
Radxa HDMI & PCIE line up, CAM & DSI do not. USB2 OTG is part of USB-C port, so it is transposed to operate at USB3 speeds and open the USB20Host port to function in its place for neribeaeks



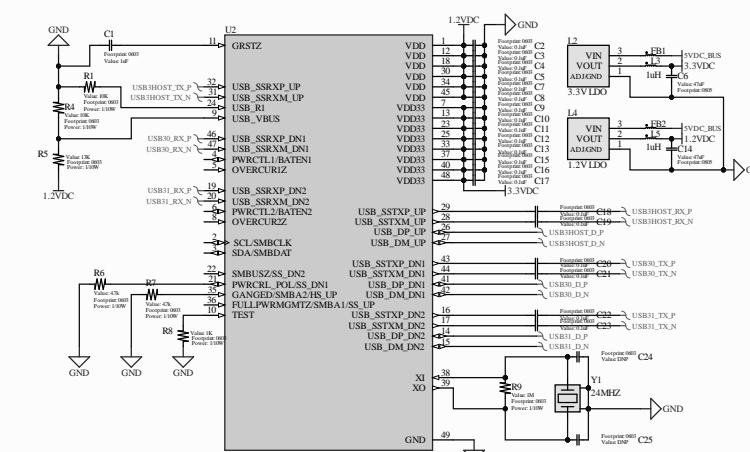
USB3 is bifurcated with TUs
USB2 is routed to OTG port
peripherals in HOST mode

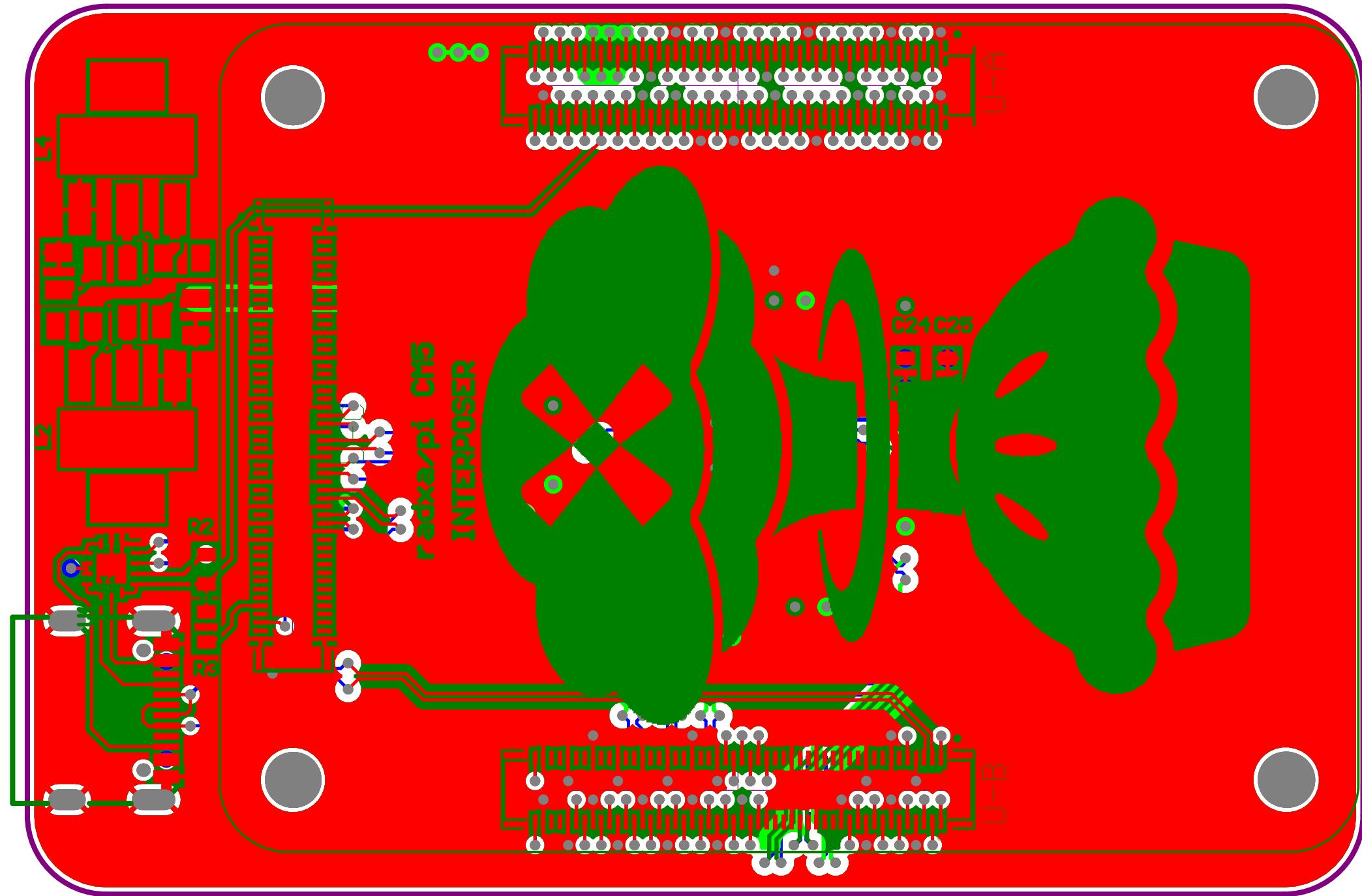


USB-C 2.0



Raspberry USB3 lanes come from bifurcation at B





Designator	Footprint	Value	LCSC PN
C1	0603	1uF	
C2	0603	0.1uF	
C3	0603	0.1uF	
C4	0603	0.1uF	
C5	0603	0.1uF	
C6	0805	47uF	
C7	0603	0.1uF	
C8	0603	0.1uF	
C9	0603	0.1uF	
C10	0603	0.1uF	
C11	0603	0.1uF	
C12	0603	0.1uF	
C13	0603	0.1uF	
C14	0805	47uF	
C15	0603	0.1uF	
C16	0603	0.1uF	
C17	0603	0.1uF	
C18	0603	0.1uF	
C19	0603	0.1uF	
C20	0603	0.1uF	
C21	0603	0.1uF	
C22	0603	0.1uF	
C23	0603	0.1uF	
C24	0603	DNP	
C25	0603	DNP	
D1	FP-SOT886-MFG	1pF	C478118
FB1	0805		
FB2	0805		
H1	DF40C-100DS-0.4V(51)		C597931
H2	DF40C-100DS-0.4V(51)		C597931
HA	DF40C-100DP-0.4V(51)		C19089239
HB	DF40C-100DP-0.4V(51)		C19089239
J1	GT-USB-7010ASV		C2988369
J3	DF40C-100DS-0.4V(51)		C597931
L1	SMD-6-2CH		C396460
L2	SOT-223-3		C326523
L3	0806		
L4	SOT-223-3		C277890
L5	0806		
R1	0603	10K	
R2	0603	4.7K	
R3	0603	0	
R4	0603	10K	
R5	0603	13K	
R6	0603	4.7k	
R7	0603	4.7k	
R8	0603	1K	
R9	0603	1M	
rP11	rP-200P-CM-RP (top)		
rxP11	RX-300P-CM-FTPd		
U1	MLP14_2P5x2P5_ONS_L		C132291
U2	HTQFP-48(7x7)		C205982
Y1	SMD2520-4P		C7294628