PDTRICKER
DESIGNED BY HARSH

U1 (microcontroller pinout):

Left	Right
P3.2/TXD1_/INT0/VBUS1/AIN3 (1)	(20) V33
P1.4/T2_/CAP1_/SCS/TIN2/UCC1/AIN1	(19) VCC/VDD
P1.5/MOSI/PWM1/TIN3/UCC2/AIN2	(18) GND/VSS
P1.6/MISO/RXD1/TIN4	(17) P1.2/XI/RXD_
P1.7/SCK/TXD1/TIN5	(16) P1.3/XO/TXD_
RST/T2EX_/CAP2_ (6)	(15) P3.7/UDM
P1.0/T2/CAP1/TIN0 (7)	(14) P3.6/UDP
P1.1/T2EX/CAP1/TIN1/VBUS2/AIN0 (8)	(13) P3.5/T1
P3.1/PWM2_/TXD (9)	(12) P3.4/PWM2/RXD1_/T0
P3.0/PWM1_/RXD (10)	(11) P3.3/INT1

Labels: LED_5V, LED_9V, LED_12V, LED_15V, LED_20V, 3V3, ADC, USB2_N, USB2_P, CFG3, CFG2, CFG1, GND, VBUS

USB-C connector (top-left):

Pin	Signal
13	SHELL GND
12	GND
11	VBUS
10	CC2
9	SBU1
8	DP2
7	DN1
6	DP1
5	DN2
4	CC1
3	SBU2
2	VBUS
1	GND
14	SHELL GND

Labels: USB2_P, USB2_N, VBUS, GND

LED section:
LED_5V, LED_9V, LED_12V, LED_15V, LED_20V, GND

Regulator (VSS/VOUT/VIN):

Pin	Signal
1	VSS
2	VOUT
3	VIN

Labels: VBUS, 3V3, GND

PD controller (right):

Left	Right
GND (11)	(6) CC2
	CC1
	(8) VBUS
PG (10)	(5) DM
	(4) DP
	(3) CFG3
VDD (1)	(2) CFG2
	(9) CFG1

Labels: VBUS, GND, CC2, CC1, USB1_N, USB1_P, CFG3, CFG2, CFG1

USB-C connector (bottom-left):

Pin	Signal
13	SHELL GND
12	GND
11	VBUS
10	CC2
9	SBU1
8	DP2
7	DN1
6	DP1
5	DN2
4	CC1
3	SBU2
2	VBUS
1	GND
14	SHELL GND

Labels: VBUS, CC2, USB1_P, USB1_N, CC1, GND