RVR
4-pin Header

USB-C
connector on pHAT

Ideal Diode Circuits (x4)

SERVO
3-pin headers

MOSFET
(as switch)

OR

Servo Power Auto-Select
(Isolates Pi 5V header from Servo power when USB or RVR is connected)
If USB or RVR Present = MOSFET OFF
If NO USB and NO RVR = MOSFET ON

GPI0 HEADER

Raspi 5V