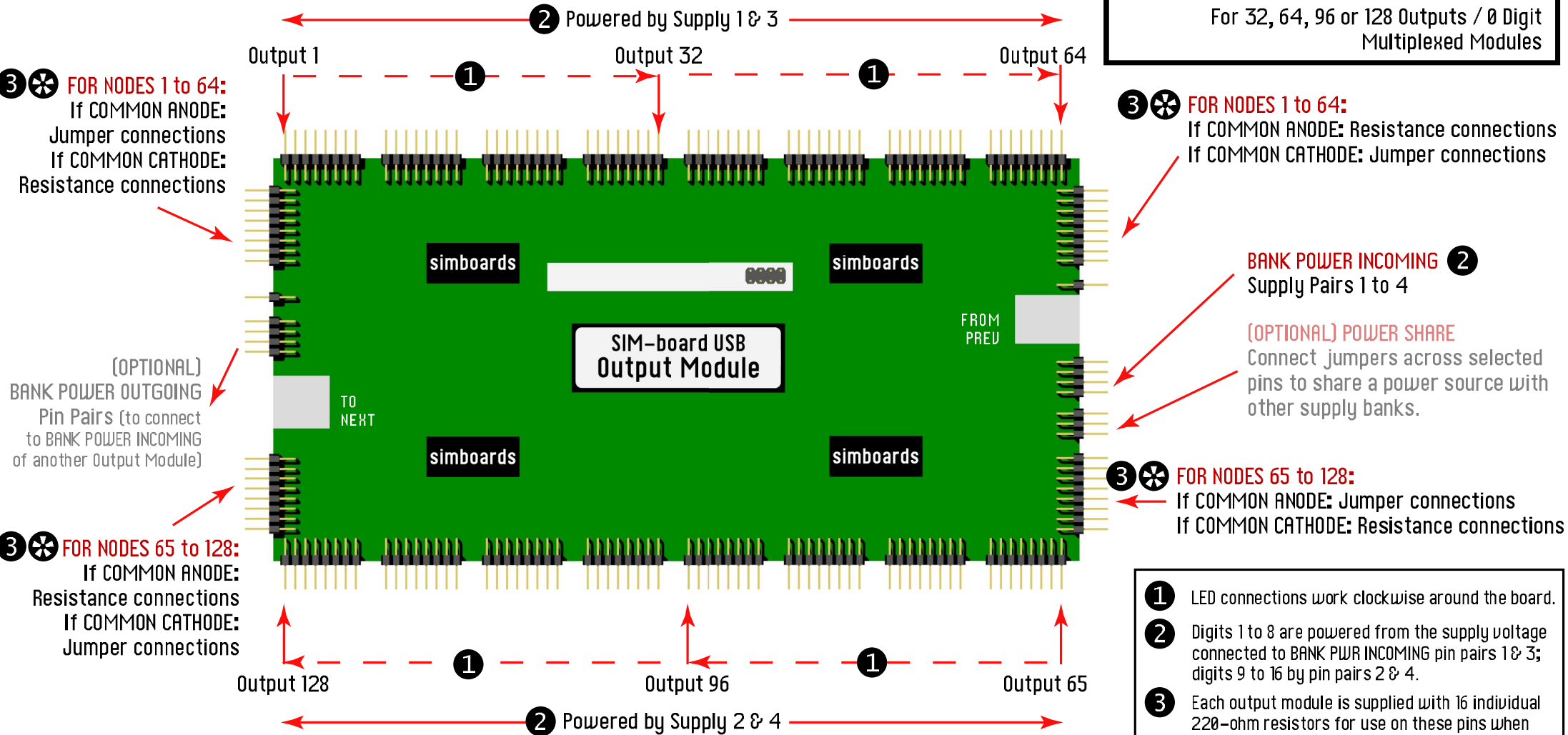


Output Module LED Connections

For 32, 64, 96 or 128 Outputs / 0 Digit
Multiplexed Modules



3 ✳ **FOR NODES 1 to 64:**
If COMMON ANODE:
Jumper connections
If COMMON CATHODE:
Resistance connections

3 ✳ **FOR NODES 1 to 64:**
If COMMON ANODE: Resistance connections
If COMMON CATHODE: Jumper connections

(OPTIONAL)
BANK POWER OUTGOING
Pin Pairs (to connect
to BANK POWER INCOMING
of another Output Module)

BANK POWER INCOMING 2
Supply Pairs 1 to 4

(OPTIONAL) **POWER SHARE**
Connect jumpers across selected
pins to share a power source with
other supply banks.

3 ✳ **FOR NODES 65 to 128:**
If COMMON ANODE:
Resistance connections
If COMMON CATHODE:
Jumper connections

3 ✳ **FOR NODES 65 to 128:**
If COMMON ANODE: Jumper connections
If COMMON CATHODE: Resistance connections

- 1** LED connections work clockwise around the board.
- 2** Digits 1 to 8 are powered from the supply voltage connected to BANK PWR INCOMING pin pairs 1 & 3; digits 9 to 16 by pin pairs 2 & 4.
- 3** Each output module is supplied with 16 individual 220-ohm resistors for use on these pins when driving "typical" LEDs. Use the ribbon cable assembly supplied with your module to fit the resistors in one end and connect the other end to the pin bank. Use 9V power supply to drive your LEDs when using these resistors.
- 4** Detailed individual node connection guidance can be obtained from the SIM-board Universal Controller software floating information icon.

✳ **Default Module Status is COMMON ANODE.**
This is the **RECOMMENDED** polarity configuration to use when connecting LEDs to this module.
The polarity can be changed in the "Module Settings" area of the SIM-board Universal Controller software when viewing this module's nodes.