

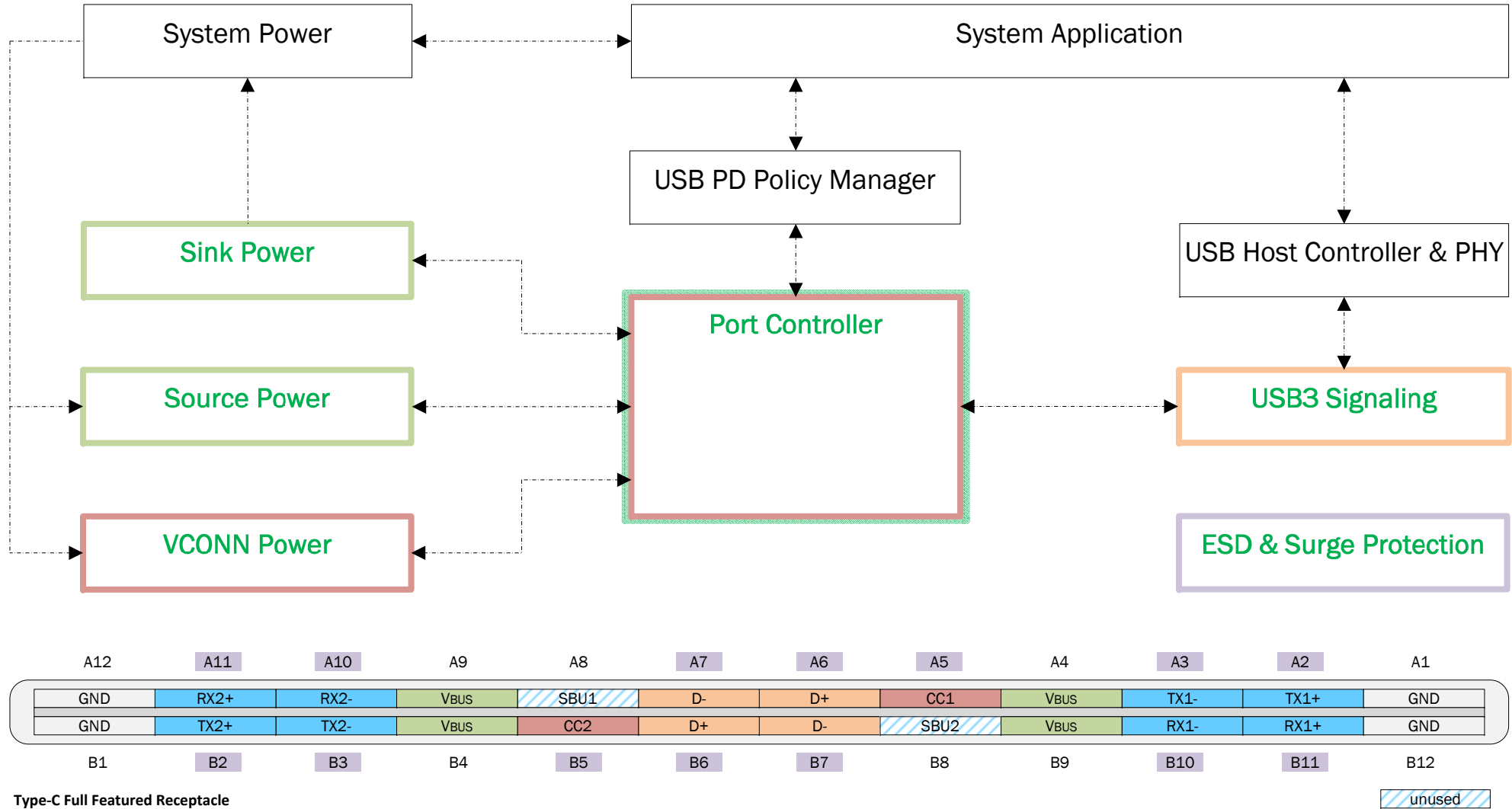
USB Type-C/PD DC-DC Solution

About this diagram

- The green glow added to the Port Controller box indicates it as the Anchor Socket.
- Colored outline of boxes associates that function with the Type-C receptacle marked by the same color.
- Boxes with black outline do not interface with the Type-C receptacle.
- Green text in SOME boxes indicates that ON Semiconductor has a recommended solution for that function.
- The block diagram components are used to provide context of our solution to the DCDC system designer.
- Clicking ANYTHING with COLOR will lead to the same next Anchor Socket DCDC detail diagram.

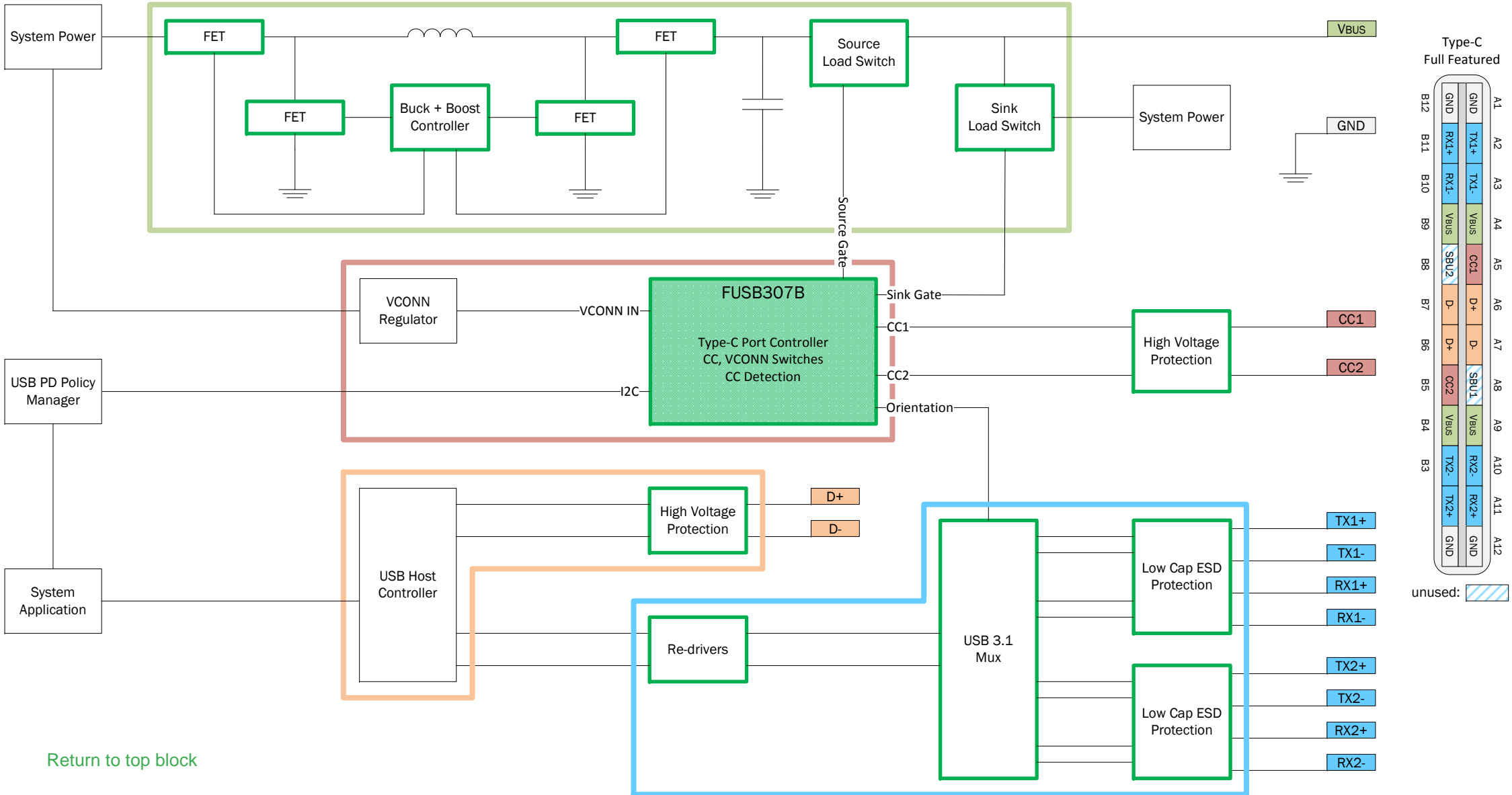
[Click for Strata DC-DC Solution](#)

[Click for USB-C/PD - AC-DC Solution](#)



About this diagram

- The green fill & part number detail of the Port Controller box indicates it as the Anchor Socket.
- The boxes grouped by color outline associates that function with the Type-C receptacle marked by the same color.
- Clicking any box with a green outline will lead to ON Semiconductor datasheet recommendations for that function.
- Boxes with black outline do not lead to an ON Semiconductor recommended data sheet.
- The circuit components are used to provide context of our solution to the ACDC designer.



Type-C Full Featured

B12	GND	A1	GND
B11	RX1+	A2	TX1+
B10	RX1-	A3	TX1-
B9	VBUS	A4	VBUS
B8	SBU2	A5	CC1
B7	D-	A6	D+
B6	D+	A7	D-
B5	CC2	A8	SBU1
B4	VBUS	A9	VBUS
B3	TX2-	A10	RX2-
	TX2+	A11	RX2+
	GND	A12	GND

unused: