

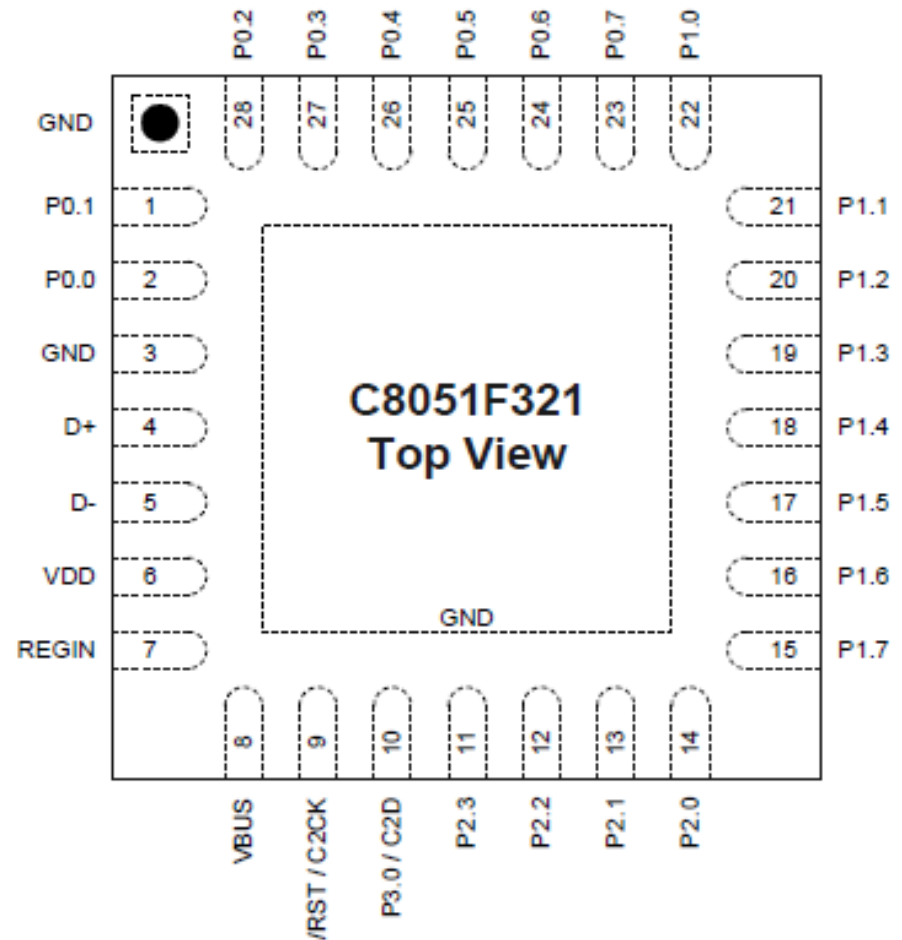
Programming Switch Postion: 1  
Programming Dip Switch: None

Silicon Laboratories Data Sheets:

[C8051F321 Complete Data Sheet](#)

[C8051F321 Short Data Sheet](#)

16KB, 2034 RAM, 10-bit ADC 13 Channel, USB



### F321 Pinouts on the Programmer Connectors and ProtoBoard

2	4	6	8	10	12	14
P0.0	D+	VDD	VBUS	<i>P3.0/C2D</i>	P2.2	P2.0
P0.1	<i>GND</i>	D-	REGIN	<i>-RST/C2CK</i>	P2.3	P2.1
1	3	5	7	9	11	13

16	18	20	22	24	26	28
P1.6	P1.4	P1.2	P1.0	P0.6	P0.4	P0.2
P1.7	P1.5	P1.3	P1.1	P0.7	P0.5	P0.3
15	17	19	21	23	25	27

*Italic and color indicates pins used for programming.*