

Table 8. Recommended 4-Level Strap Resistor Ratios⁽¹⁾

MODE	IDEAL R_H (k Ω)	IDEAL R_L (k Ω)
pulldown Pins (9 kΩ)		
1 (Default)	OPEN	OPEN
2	10	2.49
3	5.76	2.49
4	2.49	OPEN
pullup Pins (50 kΩ)		
1	OPEN	1.96
2	13	1.96
3	6.2	1.96
4 (Default)	OPEN	OPEN

(1) Strap resistors with 1% tolerance are recommended.

Table 9. 4-Level Strap Voltage Ratios⁽¹⁾

TARGET VOLTAGE	MODE 1	MODE 2	MODE 3	MODE 4
V_{max} (V)	0.098 x VDDIO	0.181 x VDDIO	0.277 x VDDIO	VDDIO
V_{typ} (V)	0	0.165 x VDDIO	0.252 x VDDIO	VDDIO
V_{min} (V)	0	0.148 x VDDIO	0.227 x VDDIO	0.694 x VDDIO

(1) Ensured by production test, characterization or design.