The main difference between BQ25611 (PSEL/PG) and BQ25611D (RTMed, D+/D- detection) is pin2 and pin3. Except for the pin2/3 related Regs, other registers are same.

bq25611

Pin	Signal		Pin	Signal
1	VAC		18	PGND
2	PSEL		17	PGND
3	/PG		16	SYS
4	STAT		15	SYS
5	SCL		14	BAT
6	SDA		13	BAT

Top pins: 24 VBUS, 23 PMID, 22 REGN, 21 BTST, 20 SW, 19 SW
Bottom pins: 7 /INT, 8 NC, 9 /CE, 10 BATSNS, 11 TS, 12 /QON

bq25611D

Pin	Signal		Pin	Signal
1	VAC		18	PGND
2	D+		17	PGND
3	D-		16	SYS
4	STAT		15	SYS
5	SCL		14	BAT
6	SDA		13	BAT

Top pins: 24 VBUS, 23 PMID, 22 REGN, 21 BTST, 20 SW, 19 SW
Bottom pins: 7 /INT, 8 NC, 9 /CE, 10 BATSNS, 11 TS, 12 /QON