

TI BQ25606/BQ25616(J)/BQ24266

Device		BQ25606	BQ25616/J	BQ24266
OVP (V)		14.28	14.2	14
VBUS Range (V)		3.9 to 13.5	4 to 13.5	4.2 to 13.5
USB D+/D-/BC1.2 Detection		Yes	Yes	No
Max Charge Current (A)		3	3	3
BATFET R _{dson} (mΩ)		19.5	19.5	32
JEITA		Yes	Hot/Cold (BQ25616) JEITA (BQ25616J)	Yes
OTG Mode		Yes	Yes	Yes
Charge Voltage Accuracy		± 0.5%	± 0.5%	± 1%
Frequency (MHz)		1.5	1.5	1.5
OTG Current (A)		1.2	1.2	1
OTG Voltage (V)		5.15	5	5
Thermal Regulation		110C	110C	125C
Default /CE Bit		0 (Charge Enabled)	0 (Charge Enabled)	0 (Charge Enabled)
Timers (Safety/Watchdog)		Safety	Safety	Safety
System Regulation Voltage (TYP)		VBAT + 50 mV	3.65 V	VBATREG + 2.5%
Default VBATREG (V)		4.2 – 4.4	4.1 – 4.35	3.6
Package Type (mm)	QFN	4x4 -24	4x4 -24	4x4 -24