
Comparison Between KA5Q0765RT and FSCQ0765RT

Function	KA5Q0765RT	FSCQ0765RT	FSCQ0765RT Advantages
Startup Current	Max. 200uA	Max. 50uA	Lower standby power consumption
Operating supply Current	Typ. 10mA	Typ. 4mA	Operating current is reduced in burst operation to minimize standby power consumption - Normal operation : 4mA - Burst mode with switching : 4mA - Burst mode without switching : 0.25mA
Switching in Burst mode	Quasi-resonant switching	Fixed frequency switching (20kHz)	
Output regulation in standby mode	Vcc control with hysteresis	Output voltage feedback control	Easy to determine the output voltage in the standby mode
Output Voltage drop in burst mode	about half	Any level	Lower power consumption in the standby mode through larger output voltage drop
Primary side regulation	Available	N/A	
Soft start	N/A	Available	Internal soft-start (20ms)
Extended Quasi-resonant switching	N/A	Available	- Guarantees wide load range - Improved efficiency at high line input