

iWatt系列成熟的驱动电源方案



iWatt Digital Power LED Lighting Driver Selection Guide

Applications	Non-Dimmable			Dimmable		
	3W		Up to 30W	3W to 7W	3W to 25W	7W to 25W
	Low-power	Low-cost	Small-size	High-power density High PF	Dimmable	Wide dimmer supports
	E14, GU10		GU10 Bulb PAR20PAR38	GU10 Bulb PAR20	GU10 Bulb PAR20PAR38	GU10 Bulb PAR20PAR38
Part Numbers	iW1696/1678	iW1810	iW3620	iW3602	iW3612	iW3614
External Drive	BJT	Integrated BJT	Mosfet	Mosfet	Mosfet	Mosfet
Switching Frequency	45kHz/64KHz	64KHz	up to 130kHz	up to 200kHz	up to 200kHz	up to 200kHz
Package	SOT23-5/SOIC8	SOIC8	SOIC8	SOIC8	SOIC8	SOIC8
Efficiency	>75% @3w	>75% @3w	>85% @10w	> 85%@10w	> 85%@10w	> 85%@10w
Power Factor			>0.8--0.9,SEPIC	>0.5	>0.8	>0.9
Isolated	Yes	Yes	Yes	Yes	Yes	Yes
Primary-feedback,	Yes	Yes	Yes	Yes	Yes	Yes
					Slight chopping after 90°C	chopping 2xVT No-dimmer
Dimmer type				Leading / Trailing / No-dimmer		
Dimming scheme				Hybrid	Hybrid	Hybrid
Dimming range				1% ~100%	1% ~100%	1% ~100%
Product Status	MP	MP	MP	MP	MP	MP