



HIGH POWER FACTOR LED LIGHTING Solutions

'Mix & Match' your perfect high PF, low THD, low Ripple lighting solution

Silergy offers an extensive range of LED drivers for 1-Stage(CC) or 2-stage(CV + CC) LED lighting architectures with High PF, Low THD, Low Ripple and multiple Dimming options, including TRIAC dimmable solutions with excellent TRIAC compatibility. A range of Adaptive Linear Current Filters are also available to further reduce output Ripple.

DIM	SINGLE STAGE CC	PF	PACKAGE	FET	POWER	DESCRIPTION
N	SY22672 QR CoT Buck Convertor	>0.9	SO8	600V	11W	80V140mA
N	SY22675 QR CoT Buck Convertor	>0.9	SO8	600V	14W	80V180mA
N	SY22676 QR CoT Buck Convertor	>0.9	SO8	600V	17W	80V220mA
N	SY22677 QR CoT Buck Convertor	>0.9	SO8	600V	20W	80V250mA
N	SY22725 QR CoT Buck Convertor	>0.9	SO8	600V	24W	80V300mA
AC	SY22664 Buck-Boost/Flyback PSR Controller	>0.9	SO8	External	40W	PHASE-CUT DIMMABLE Controllers
AC	SY22661B Buck PSR Controller	>0.9	SO10	External	60W	
AC	SY22662D Flyback PSR Controller	>0.9	SO10	External	60W	
N	SY22678 Buck Controller	>0.9	SOT23-6	External	<100W	
N	SY22679B Buck-Boost/Flyback PSR Controller	>0.9	SOT23-6	External	<100W	
PWM/ANA	SY22651 Buck Controller	>0.9	SO8	External	<80W	5% - 100% Dimming
PWM/ANA	SY22652A Buck-Boost/Flyback PSR Controller	>0.9	SO8	External	<80W	5% - 100% Dimming

High PF - Low THD - Low Ripple - Robust Performance
Silergy's LED Drivers simplify the Art of Lighting

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