

90 W 802.3bt PoE PSE and PD Solutions

Silicon Labs makes it easy to add 90 W PoE

Our complete PoE portfolio addresses all 802.3bt 90 W PoE needs, from switches to powered devices. The compact Si34071 PD combines the required 802.3bt PD interface with a dc-dc controller ready to provide the full 71 W of power to a system. On the other side of the cable, our Si3471 is the industry's first single 90 W capable Ethernet port without needing any software or host MCU. Finally, the Si3474 powers up to eight 802.3at or four 802.3bt 90 W Ethernet ports and adds a feature rich register map for efficient power management. Our EVBs feature compact and cost-effective 2-layer PCB designs that can easily be implemented in many different kinds of systems and include a full Sifos IEEE compliance test report.

[Learn more about 90 W 802.3bt PSE Family](#) >

Please note this product family is in advance sampling status but not yet in production. Production is targeted for late April. For more information please contact your local sales/distributor or request [here](#).

			
	Si3471	Si3474	Si34071
Ethernet Ports	1 - PSE	4 - PSE	1 - PD
IEEE Standard Power	802.3bt 90 W class 1-8	802.3bt 90 W class 1-8	802.3bt 71 W class 4-8
Features	External FETs No MCU Easy configuration	External FETs 200m sense I ² C interface	External FETs Integrated dc dc Highest power PD
Package	5 x 7 mm QFN38	8 x 8 mm QFN56	5 x 5 mm QFN32
EVB	Si3471-KIT	Si3474-KIT	Si34071WASV8KIT
Availability	Available Now	Coming Soon	Coming Soon