


PIN Diode Attenuator 45V 1500mA 3-Pin QFN EP

Manufacturer:	Skyworks Solutions, Inc
Package/Case:	QFN
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The CLA4603-085LF is a surface mountable, low capacitance silicon PIN limiter diode designed as a shunt connected PIN diode for high power limiter applications from 10 MHz to over 6 GHz.

Maximum resistance at 10 mA is 2 Ω and maximum capacitance at 6 V is 0.4 pF. The combination of low junction capacitance, low parasitic inductance, low thermal resistance, and nominal 1.5 μm I-region width, makes the CLA4603-085LF useful in large signal limiter applications. The threshold level is +9 dBm, nominal.

Key Features

Low-thermal resistance: 40 $^{\circ}\text{C}/\text{W}$

Typical threshold level: +9 dBm

Low capacitance: 0.33 pF

Low profile, ultra-miniature QFN (3-pin, 2 x 2 mm) package (MSL1, 260 $^{\circ}\text{C}$ per JEDEC J-STD-020)

Application

Small Cells

Macro/Massive MIMO

Electronic Warfare

Instrumentation

Radar

Space

Surveillance Systems

Avionics

Military Communications



Recommended For You

CLA4608-085LF

Skyworks Solutions, Inc

QFN-3

CLA4605-085LF

Skyworks Solutions, Inc

QFN

CLA4606-000

Skyworks Solutions, Inc

SMD

CLA4611-085LF

Skyworks Solutions, Inc

QFN

CLA4607-085LF

Skyworks Solutions, Inc

19

CLA4601-000

Skyworks Solutions, Inc

SMD

CLA4610-085LF

Skyworks Solutions, Inc

QFN

CLA4608-000

Skyworks Solutions, Inc

SMD

CLA4604-000

Skyworks Solutions, Inc

QFN

CLA4606-085LF

Skyworks Solutions, Inc

QFN

CLA4602-000

Skyworks Solutions, Inc

smddip

CLA4607-000

Skyworks Solutions, Inc

SMD

CLA4610-000

Skyworks Solutions, Inc

BGA

CLA4603-000

Skyworks Solutions, Inc

PACK

CLA4605-000

Skyworks Solutions, Inc

PACK