

ZLLS1000

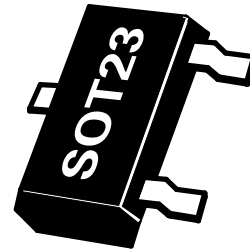
40V SILICON HIGH CURRENT LOW LEAKAGE SCHOTTKY DIODE

SUMMARY

Schottky Diode $V_R = 40V$; $I_F = 1.16A$; $I_R = 20\mu A$

DESCRIPTION

This compact SOT23 packaged Schottky diode offers users an excellent performance combination comprising high current operation, extremely low leakage and low forward voltage ensuring suitability for applications requiring efficient operation at higher temperatures (above 85°C) see Operational Efficiency chart on page 4.



Key benefits:

Performance capability equivalent to much larger packages

Improved circuit efficiency & power levels

PCB area savings

FEATURES

Low Equivalent On Resistance

Extremely Low Leakage ($20\mu A$ @30V)

High current capability ($I_F = 1.16A$)

Low V_F , Fast switching Schottky

SOT23 Package

ZLLS1000 complements low temperature equivalent ZHCS1000

Package thermally rated to 150°C

Cathode



Anode

APPLICATIONS

DC - DC Converters

Strobes

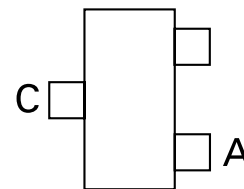
Mobile Phones

Charging Circuits

Motor control

ORDERING INFORMATION

DEVICE	REEL (inches)	TAPE WIDTH (mm)	QUANTITY PER REEL
ZLLS1000TA	7	8mm embossed	3000 units
ZLLS1000TC	13	8mm embossed	10000 units



Top view

DEVICE MARKING

L10