
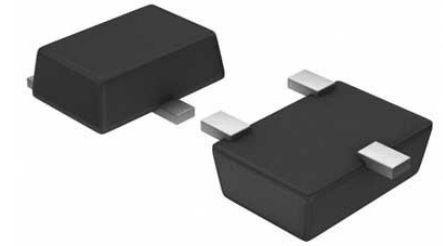


Clock Fanout Buffer 3-OUT 1-IN 1:3 6-Pin SOT-23 Bag

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOT-23-6
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The PL133-37 is an advanced fanout buffer design for high performance, low-power, small form-factor applications. The PL133-37 accepts a LVCMOS or a Sine Wave reference clock input of 1MHz to 150MHz and produces three outputs of the same frequency. Reference clock inputs may be LVCMOS or sine-wave signals (the inputs are internally AC-coupled so no external components required). Offered in a small 3 x 3mm SOT23, the PL133-37 offers the best phase noise and jitter performance and lowest power consumption of any comparable IC.

Key Features

3 LVCMOS Outputs

12mA Output Drive Strength

Input/Output Frequency: Reference Clock: 1MHz to 150MHz

Supports LVCMOS or Sine Wave Input Clock

Very Low Jitter and Phase Noise

Low Current Consumption

Single 1.8V, 2.5V or 3.3V $\pm 10\%$ operation

Operating Temperature Range:

0°C to 70°C (Commercial)

Available in SOT23-6L GREEN/RoHS Compliant Packages

Recommended For You

PL133-37II-R

Microchip Technology, Inc
SOT23-6

PL133-37II

Microchip Technology, Inc
SOT-23-6

PL138-48OC

Microchip Technology, Inc
TSSOP-20

PL133-27GI-R

Microchip Technology, Inc
QFN

PL133-27GC-R

Microchip Technology, Inc
6-UFDFN

PL611-01-NI2MC

Microchip Technology, Inc
MSOP

PL123-09NSC-R

Microchip Technology, Inc
SOIC

PL123-05HSC-R

Microchip Technology, Inc
SOP8

PL123-09OC

Microchip Technology, Inc
TSSOP-16

PL123S-09SC

Microchip Technology, Inc
SOP16

PL123-05SC-R

Microchip Technology, Inc
SOP8

PL123E-09OC-R

Microchip Technology, Inc
16-TSSOP

PL123S-05SC-R

Microchip Technology, Inc
8-SOIC

PL123-05NSI

Microchip Technology, Inc
SOP-8

PL123S-09OC-R

Microchip Technology, Inc
16-TSSOP