Low cost Dual 10MHz Counters

Version 2.0 April 2014, UniGe

FEATURES

Two channel with standard *easy*φ input
10MHz maximum input for channel A and B
500ps minimum input pulse width for channel A and B
Frequency generator on channel C at 10MHz, 5MHz, 2MHZ and below
Conversion from easy-phi standard to TTL, channel A and B
Conversion from TTL to easy-phi standard, channel C
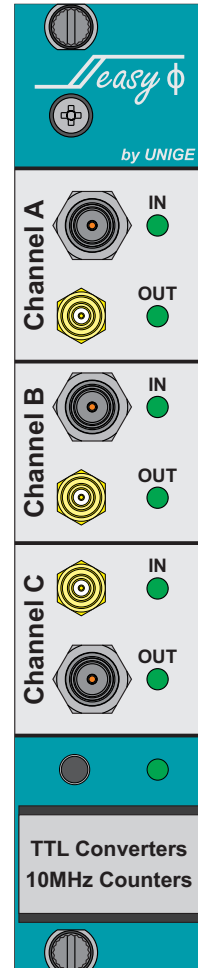LED for signal activity
Low cost

STANDARD *easy*φ FEATURES

Hot Plug&Play with permanent parameter storage
All parameters can be remotely change
Embeded software for multi-platform hosts (1GB sd-card)
Standalone or rack mount

APPLICATIONS

Simple 10MHz counter
Simple Frequency generator
Easy-phi to TTL and TTL to Easy-phi converter

FRONT PANEL

FUNCTIONAL BLOCK DIAGRAM