



# THE DATASHEET OF SC-KIT-TBX



# TimerBlox™

Available in SOT-23 and 2mm x 3mm DFN Packages

## No Crystal. No Programming.

Looking for a VCO, PWM generator, one-shot, delay, or other timing circuit? Before grabbing a timer or a microcontroller, consider one of Linear Technology's dedicated TimerBlox timing circuits. Using a built-in oscillator, these simple and accurate devices provide timing functions from  $\mu\text{Hz}$  to MHz. No elaborate circuitry, memory or programming effort, just set and forget. It's about time—your time.

### 12 New Set and Forget Timing Devices

Part Number	Function	Details	Operating Range
LTC®6990	VCO	Configurable Gain & Voltage Range	488Hz to 2MHz
LTC6991	LF Clock	Period from 1ms up to 9.5 hours	29 $\mu\text{Hz}$ to 977Hz
LTC6992-1	PWM	0% to 100% Pulse Width Control	3.8Hz to 1MHz
LTC6992-2		5% to 95% Pulse Width Control	3.8Hz to 1MHz
LTC6992-3		0% to 95% Pulse Width Control	3.8Hz to 1MHz
LTC6992-4		5% to 100% Pulse Width Control	3.8Hz to 1MHz
LTC6993-1	One-Shot	Rising Edge Trigger	1 $\mu\text{s}$ to 34s
LTC6993-2		Rising Edge Trigger, Retriggerable	1 $\mu\text{s}$ to 34s
LTC6993-3		Falling Edge Trigger	1 $\mu\text{s}$ to 34s
LTC6993-4		Falling Edge Trigger, Retriggerable	1 $\mu\text{s}$ to 34s
LTC6994-1	Delay	Rising or Falling Edge Trigger	1 $\mu\text{s}$ to 34s
LTC6994-2		Rising & Falling Edge Trigger	1 $\mu\text{s}$ to 34s

### Info & Free Samples

[www.linear.com/timerblox](http://www.linear.com/timerblox)

1-800-4-LINEAR

#### TimerBlox Circuit Collection




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## Looking for pricing, stock, or lifecycle information?

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-  [Analog Devices Inc. Information](#)

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-  Excess Inventory Management