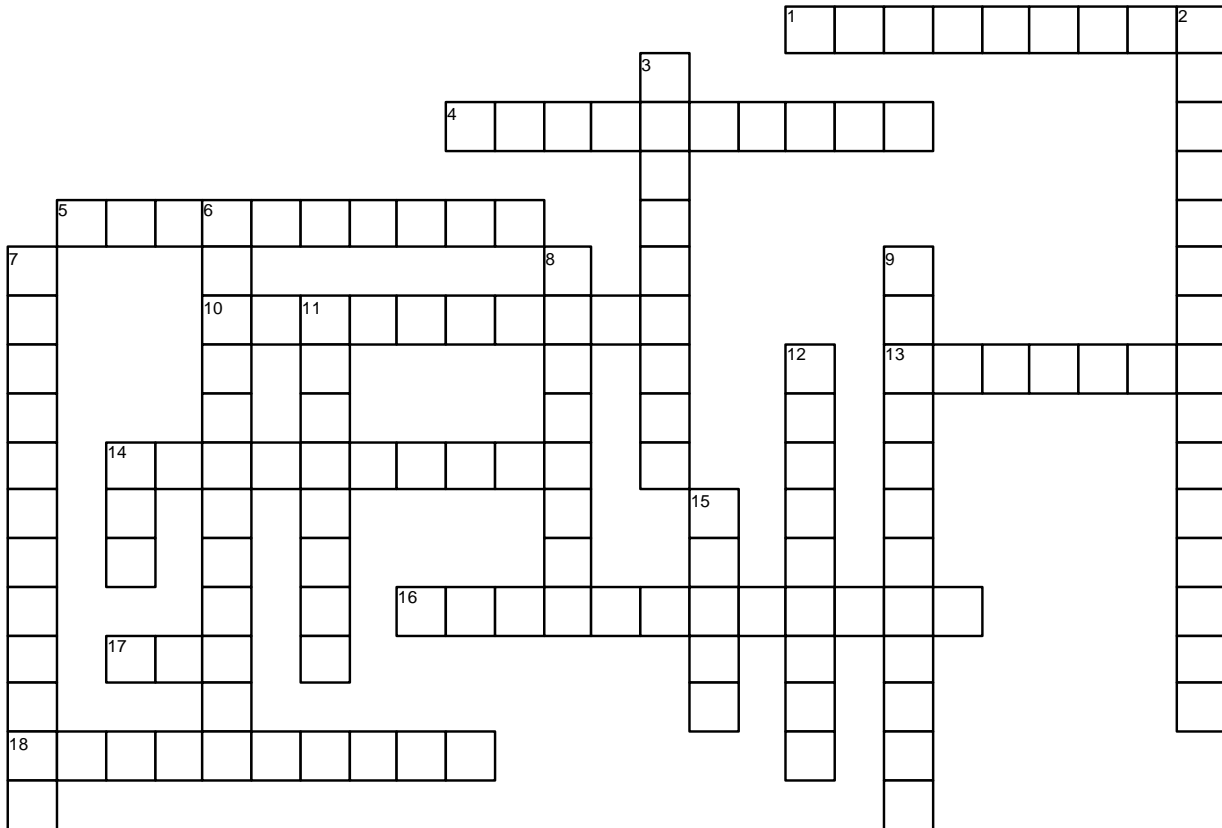


Digital Storage Oscilloscopes (DSOs)

Chapter 40



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ACROSS

- 1 The transparent scale, used for reference measurements, is called a _____.
- 4 When the _____ position is selected, a capacitor is placed into the meter lead circuit, which effectively blocks all DC voltage signals but allows the AC portion of the signal to pass and be displayed.
- 5 _____ is the most used position on a scope because it allows the scope to display both alternating current voltage signals and direct current voltage signals present in the circuit.
- 10 An analog scope uses a _____ tube similar to a television screen to display voltage patterns.
- 13 Scopes are available that allow the viewing of more than one sensor or event at the same time on the display. The number of events, which require leads for each, is called a _____.
- 14 The _____ is a measure of the actual on-time measured in milliseconds.
- 16 _____ is the voltage that must be detected by the scope before the pattern will be displayed.
- 17 A digital scope takes samples of the signals that can be stopped or stored and is therefore called a _____.
- 18 A DC voltage that turns on and off in a series of pulses is called a _____.

DOWN

- 2 An _____ is when the waveform starts when a signal is received from another external source rather than from the signal pickup lead.
- 3 _____ refers to the percentage of on-time of the signal during one complete cycle.
- 6 An _____ is a visual voltmeter with a timer that shows when a voltage changes.
- 7 The _____ is the voltage direction that a waveform must have in order to start the display.
- 8 A _____ multimeter is a cross between a digital meter and a digital storage oscilloscope.
- 9 A _____ is a miniature coaxial cable connector.
- 11 Setting the _____ means setting how much time will be displayed in each block called a division.
- 12 _____ is the number of cycles per second measured in hertz.
- 14 Duty cycle is also called _____ and can be measured in degrees.
- 15 Frequency is measured in _____.