

# **Current Probes Fact Sheet**

# **Current Probes for Every Application**



<b>Key Specifications</b>						
	CP030	CP030A	CP031	CP031A	CP150	CP500
Max Continuous Current	30 A <sub>rms</sub>	30 A <sub>rms</sub>	30 A <sub>rms</sub>	30 A <sub>rms</sub>	150 A <sub>rms</sub>	500 A <sub>rms</sub>
Max Peak Current	50 A	50 A	50 A	50 A	500 A	700 A
Bandwidth	50 MHz	50 MHz	100 MHz	100 MHz	10 MHz	2 MHz
Minimum Sensitivity	10 mA/div	1 mA/div	10 mA/div	1 mA/div	100 mA/div	100 mA/div

### Easy to Use

- No need to break the circuit or insert a shunt
- Small form factors for use on crowded boards

### Variety of Applications

- Bandwidths up to 100 MHz
- Peak currents up to 700 A
- Sensitivities down to 1mA/div

#### • High Precision Measurements

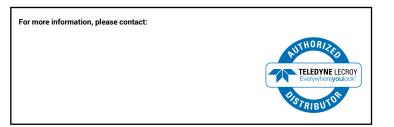
- Low frequency accuracy of 1%
- Integrated autozero capability

# • Fully Integrated with Teledyne LeCroy Oscilloscope

- No additonal hardware is required
- Power is supplied from oscilloscope ProBus connection
- Automatic display of waveforms in Amps and calculated power traces scaled correctly in Watts
- Degauss and Autozero directly from oscilloscope user interface

# DCS015 Deskew Calibration Source

 Provides ability to precisely deskew voltage and current probes





# **Current Probes Fact Sheet**



#### **Key Features**

- Max continuous currents ranging from 30 A<sub>rms</sub> to 500 A<sub>rms</sub>
- Max peak currents from 50  $A_{\text{peak}}$  to 700  $A_{\text{peak}}$
- Wide bandwidths from 2 MHz to 100 MHz
- ProBus active probe interface with automatic scaling in A/div
- Autozero and degauss capabilities built into user interface
- Sensitivity down to 1 mA/div
- Precise voltage and current deskew with the DCS015 deskew calibration fixture

## **Ordering Information**

Current Probes			
CP030	30 A; 50 MHz Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse		
CP030A	30 A; 50 MHz High Sensitivity Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse		
CP031	30 A; 100 MHz Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse		
CP031A	30 A; 100 MHz High Sensitivity Current Probe - AC/DC; 30 Arms; 50 A Peak Pulse		
CP150	150 A; 10 MHz Current Probe – AC/DC; 150 Arms; 500 A Peak Pulse		
CP500	500 A; 2 MHz Current Probe – AC/DC; 500 Arms; 700 A Peak Pulse		
DCS015	Deskew Calibration Source for CP031,CP031A, CP030, CP030A and AP015		