

## Ei1284-XXX

# IEEE1284 RC Filter Network

#### FEATURES:

- Improves Signal Quality
- Reduces Unwanted RF Emissions
- Proven Thin Film Technology
- Available in QSOP Package
- Highly Integrated 9 Terminating Lines Per Package

#### **DESCRIPTION:**

The Ei IEEE 1284 parallel printer interface networks are single surface mount devices. Up to 27 discrete components are designed for use in printer and other digital interface applications replaced by one IEEE1284 filter network. These highly integrated thin film networks offer three different functions in a single 20 pin package.

#### **APPLICATIONS:**

- Parallel Port Termination
- EMI/RFI Filter

The Ei1284 series of resistor-capacitor networks are R1 is a pull-up resistor for use with open collector and open drain manufactured, R2 is a series termination resistor and C acts as a low pass filter. For high reliability combined with pass filter. Superior performance use Epic's IEEE 1284 filter network.



## Specifications:

	Tolerance (ppm/ <b>E</b> C)	TCR Range	Operating Temp.	Breakdown Max. Voltage (volts)	Power Dissipation (%) per Resistor (°C) (watts)
R1	±10	±100	-55 to +125	N/A	0.1
R2	±10	±100	-55 to +125	N/A	0.1
С	±20	N/A	-55 to +125	25	N/A

### Ordering Information:

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R1(Ω)	R2(Ω)	C(pF)	RC Code	Pkg	Part Number				
1K	33	180	01	20-SOIC	Ei1284-01CS				
2.2 K	33	220	02	20-SOIC	Ei1284-02CS				
4.7 K	10	180	03	20-SOIC	Ei1284-03CS				
4.7 K	33	180	04	20-SOIC	Ei1284-04CS				
2.2 K	33	180	05	20-SOIC	Ei1284-05CS				
1K	33	180	01	20-QSOP	Ei1284-01CQ				
2.2 K	33	220	02	20-QSOP	Ei1284-02CQ				
4.7 K	10	180	03	20-QSOP	Ei1284-03CQ				
4.7 K	33	180	04	20-QSOP	Ei1284-04CQ				
2.2 K	33	180	05	20-QSOP	Ei1284-05CQ				
Other combination of R and C are possible.									