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## AC1342 Current Conversion Resistor

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### Product Description

The AC1342 is a 100Ω, 0.1%, 1/4 watt, 20 ppm/°C resistor that is supplied with each 3B32 current input module to convert input current to a voltage. These can be ordered as spares.

#### Resistor



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### Price, Packaging, and Availability

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#### AC1342 Model Options

Model	Status	Package	Pins	Temp Range	Available	RoHS Compliant	Samples Cart	Purchase Cart
AC1342	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	Y <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a>	<a href="#">Add to Cart</a>

[3B03: 3B Series 4 Channel Backplane](#)

Model	Status	Package	Pins	Temp Range	Available	RoHS Compliant	Samples Cart	Purchase Cart
3B03	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	-	<b>N</b> <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a> <a href="#">Add to Cart</a>

**3B02: 3B Series 8 Channel Backplane**

Model	Status	Package	Pins	Temp Range	Available	RoHS Compliant	Samples Cart	Purchase Cart
3B02	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	-	<b>N</b> <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a> <a href="#">Add to Cart</a>
3B02-CUSTOM	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	-	<b>N</b> <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a> <a href="#">Contact ADI</a>

**3B01: 3B Series 16 Channel Backplane**

Model	Status	Package	Pins	Temp Range	Available	RoHS Compliant	Samples Cart	Purchase Cart
3B01	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	-	<b>N</b> <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a> <a href="#">Add to Cart</a>
3B01-CUSTOM	Prodn	NON-PHYSICAL PROD:NRE,ETC.	-	Comm	-	-	<b>N</b> <a href="#">Material Declaration</a>	<a href="#">Contact ADI</a> <a href="#">Contact ADI</a>

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Part#	Supply Voltage (v)	Input Type	Isolated	Bandwidth (Hz)	Output Range	Output Type	Input Range
<a href="#">5B36</a>	+5	Potentiometer	Y	4	0-5V	V	0-10kohm
<a href="#">5B37</a>	+5	TC	Y	4	+/- 5V; 0-5V	V	Refer to Data Sheet
<a href="#">1B22</a>	±15	Vin	Y	400	4-20mA, 0-20mA	V	0-1V to 0-10V
<a href="#">5B38</a>	+5	Gage	Y	10000	+/- 5V	V	+/-10mv to +/-200mV
<a href="#">1B32</a>	±15	Gage	N	4	+/- 10V	V	Refer to Data Sheet

<a href="#">5B39</a>	+5	V	Y	400	4-20mA, 0-20mA	I	+/- 5V; 0-5V
<a href="#">1B51</a>	±15	TC	Y	3	+/- 10V	V	Refer to Data Sheet
<a href="#">5B40</a>	+5	mV	Y	10000	+/- 5V; 0-5V	V	+/-10mv to +/- 100mV
<a href="#">3B17</a>	±15	LVDT, RVDT	N	100	+/- 10V; 4-20mA, 0-20mA	I; V	20mV rms to 5V rms
<a href="#">5B41</a>	+5	V	Y	10000	+/- 5V; 0-5V	V	+/- 1V to +/- 20V
<a href="#">3B20</a>	±15	AC Gage	N	100	+/- 10V; 4-20mA, 0-20mA	I; V	1.5mV rms to 150mV rms
<a href="#">5B42</a>	+5	I	Y	100	1-5V; 2-10V	V	0-20mA; 4-20mA
<a href="#">3B31</a>	±15	V	Y	3	+/- 10V; 4-20mA, 0-20mA	I; V	+/- .5V to +/- 20V
<a href="#">5B45</a>	+5	Frequency	Y	n/a	+/- 5V; 0-5V	V	500 Hz to 20 kHz
<a href="#">3B34</a>	±15	RTD	Y	3	0-10V; 4-20mA, 0-20mA	I; V	Refer to Data Sheet
<a href="#">5B46</a>	+5	Frequency	Y	n/a	+/- 5V; 0-5V	V	20 kHz to 275 kHz
<a href="#">3B39</a>	±15	V	Y	400	4-20mA, 0-20mA	I	+/- 10V; 0-10V
<a href="#">5B47</a>	+5	TC	Y	4	0-5V	V	Refer to Data Sheet
<a href="#">3B41</a>	±15	V	Y	10000	+/- 10V; 4-20mA, 0-20mA	I; V	+/- .5V to +/- 20V
<a href="#">6B11</a>	+5	I; mV; TC; V	Y	4	RS-485 or RS-232	Serial RS-485	Refer to Data Sheet
<a href="#">3B43</a>	±15	AC V	Y	3	0-10V; 4-20mA, 0-20mA	I; V	1V rms to 50V rms
<a href="#">6B12</a>	+5	mV; V	Y	4	RS-485 or RS-232	Serial RS-485	Refer to Data Sheet
<a href="#">3B45</a>	±15	Frequency	Y	n/a	0-10V; 4-20mA, 0-20mA	I; V	25 Hz to 1100 Hz
<a href="#">6B13</a>	+5	RTD	Y	4	RS-485 or RS-232	Serial RS-485	Refer to Data Sheet
<a href="#">3B47</a>	±15	TC	Y	3	0 to +10V; 4-20mA, 0-20mA	V	Refer to Data Sheet
<a href="#">6B21</a>	+5	n/a	Y	3	RS-485 or RS-232	Serial RS-485	Software Settable
<a href="#">5B31</a>	+5	V	Y	4	+/- 5V; 0-5V	V	+/- 1V to +/- 20V
<a href="#">6B50</a>	+5	Digital	N	1000	RS-485 or RS-232	Serial RS-485	TTL or CMOS
<a href="#">5B34</a>	+5	RTD	Y	4	0-5V	V	Refer to Data Sheet
<a href="#">7B14</a>	+24	RTD	N	3	0-10V; 1-5V	V	Refer to Data Sheet
<a href="#">1B21</a>	±15	Vin	Y	100	4-20mA, 0-20mA	I	0-1V to 0-10V

<a href="#">7B21</a>	±25	V	Y	300	+/- 10V	V	+/- 10V
<a href="#">1B41</a>	±15	RTD	Y	3	+/- 10V	V	Refer to Data Sheet
<a href="#">7B22</a>	±25	V	Y	400	+/- 10V	V	+/- 10V
<a href="#">3B18</a>	±15	Gage	N	10000	+/- 10V; 4-20mA, 0-20mA	I; V	+/- 5mV to +/- 500mV
<a href="#">7B27</a>	+24	TC	Y	3	0-10V; 1-5V	V	Refer to Data Sheet
<a href="#">3B32</a>	±15	I	Y	3	+/- 10V; 4-20mA, 0-20mA	I; V	0-20mA; 4-20mA
<a href="#">7B30</a>	+24	mV	Y	3	0-10V; 1-5V	V	+/- 10mV to +/- 1V
<a href="#">3B40</a>	±15	mV	Y	10000	+/- 10V; 4-20mA, 0-20mA	I; V	+/- 5mV to +/- 500mV
<a href="#">7B31</a>	+24	V	Y	3	0-10V; 1-5V	V	+/- 5V to +/- 50V
<a href="#">3B44</a>	±15	AC V	Y	3	+/- 10V; 4-20mA, 0-20mA	I; V	50V rms to 550V rms
<a href="#">7B32</a>	+24	I	Y	100	0-10V; 1-5V	V	0-20mA; 4-20mA
<a href="#">5B30</a>	+5	mV	Y	4	+/- 5V; 0-5V	V	+/-10mv to +/- 100mV
<a href="#">7B33</a>	+24	V or mA	Y	100	0-10V; 1-5V	V	0-5V; 1-5V
<a href="#">5B35</a>	+5	RTD	Y	4	0-5V	V	Refer to Data Sheet
<a href="#">7B34</a>	+24	RTD	Y	3	0-10V; 1-5V	V	Refer to Data Sheet
<a href="#">3B16</a>	±15	Gage	N	3	4-20mA, 0-20mA	I; V	+/- 5mV to +/- 500mV
<a href="#">7B35</a>	+24	I	Y	100	0-10V; 1-5V	V	4-20mA
<a href="#">3B37</a>	±15	TC	Y	3	0-10V; 4-20mA, 0-20mA	I; V	Refer to Data Sheet
<a href="#">7B37</a>	+24	TC	Y	3	0-10V; 1-5V	V	Refer to Data Sheet
<a href="#">3B46</a>	±15	Frequency	Y	n/a	+/- 10V; 4-20mA, 0-20mA	I; V	520 Hz to 25 kHz
<a href="#">1B31</a>	±15	Gage	Y	20000	+/- 10V	V	Refer to Data Sheet
<a href="#">3B30</a>	±15	mV	Y	3	+/- 10V; 4-20mA, 0-20mA	I; V	+/- 5mV to +/- 500mV
<a href="#">3B42</a>	-15	AC mV	Y	3	0-10V; 4-20mA, 0-20mA	I; V	20mV rms to 1V rms
<a href="#">5B32</a>	+5	I	Y	4	+/- 5V; 0-5V	V	0-20mA; 4-20mA
<a href="#">7B39</a>	+24	V	Y	100	4-20mA, 0-20mA	I	0-10V; 1-5V
<a href="#">7B40</a>	+24	mV	Y	10000	0-10V; 1-5V	V	+/- 10mV to +/- 1V
<a href="#">7B41</a>	+24	V	Y	10000	0-10V; 1-5V	V	+/- 5V to +/- 50V
<a href="#">7B47</a>	+24	TC	Y	3	0-10V; 1-5V	V	Refer to Data Sheet

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