



#### **INA199A1DCKR Information**



For Reference Only

Part Number INA199A1DCKR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CURR SENSE 14KHZ SC70-6

Package 6-TSSOP, SC-88, SOT-363

For the pricing/inventory/lead time, please contact

us

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## **INA199A1DCKR Specifications**

Manufacturer Part Number         INA199A1DCKR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         6-TSSOP, SC-88, SOT-363           Series         -           Amplifier Type         Current Sense           Number of Circuits         1           Output Type         -           Slew Rate         0.4 V/μs           Gain Bandwidth Product         14kHz           -3db Bandwidth         -           Current - Input Bias         28μA           Voltage - Input Offset         5μV           Current - Supply         65μA           Current - Output / Channel         -           Voltage - Supply, Single/Dual (±)         2.7 V ~ 26 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         6-TSSOP, SC-88, SOT-363           Supplier Device Package         SC-70-6		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         6-TSSOP, SC-88, SOT-363           Series         -           Amplifier Type         Current Sense           Number of Circuits         1           Output Type         -           Slew Rate         0.4 V/μs           Gain Bandwidth Product         14kHz           -3db Bandwidth         -           Current - Input Bias         28μA           Voltage - Input Offset         5μV           Current - Supply         65μA           Current - Output / Channel         -           Voltage - Supply, Single/Dual (±)         2.7 V ~ 26 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         6-TSSOP, SC-88, SOT-363           Supplier Device Package         SC-70-6	Manufacturer Part Number	INA199A1DCKR
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Amplifier Type         Current Sense           Number of Circuits         1           Output Type         -           Slew Rate         0.4 V/μs           Gain Bandwidth Product         14kHz           -3db Bandwidth         -           Current - Input Bias         28μA           Voltage - Input Offset         5μV           Current - Supply         65μA           Current - Output / Channel         -           Voltage - Supply, Single/Dual (±)         2.7 V ~ 26 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         6-TSSOP, SC-88, SOT-363           Supplier Device Package         SC-70-6	Package	6-TSSOP, SC-88, SOT-363
Number of Circuits   Output Type   Slew Rate   O.4 V/μs   Gain Bandwidth Product   -3db Bandwidth   - Current - Input Bias   28μA   Voltage - Input Offset   5μV   Current - Supply   65μA   Current - Output / Channel   - Voltage - Supply, Single/Dual (±)   Operating Temperature   -40°C ~ 125°C   Mounting Type   Surface Mount   Package / Case   Supplier Device Package   SC-70-6	Series	-
Output Type  Slew Rate  0.4 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  65µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  -  0.4 V/µs  0.4 V/µs  0.4 V/µs  0.4 V/µs  0.5 µA  0.5 µA  0.6 5µA  0.7 V ~ 26 V  0.8 V ~ 26 V  0.9 V ~ 2	Amplifier Type	Current Sense
Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product 14kHz  -3db Bandwidth -  Current - Input Bias 28 $\mu$ A  Voltage - Input Offset 5 $\mu$ V  Current - Supply 65 $\mu$ A  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 26 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 6-TSSOP, SC-88, SOT-363  Supplier Device Package SC-70-6	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  28 $\mu$ A  Voltage - Input Offset  5 $\mu$ V  Current - Supply  65 $\mu$ A  Current - Output / Channel  -  Voltage - Supply, Single/Dual ( $\pm$ )  2.7 V ~ 26 V  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  6-TSSOP, SC-88, SOT-363  Supplier Device Package  SC-70-6	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 28 \mu A \\ Voltage - Input \ Offset \\ 5 \mu V \\ Current - Supply \\ 65 \mu A \\ Current - Output / Channel \\ -Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 26 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ Supplier \ Device \ Package \\ SC-70-6 \\ \\$	Slew Rate	0.4 V/μs
Current - Input Bias $28\mu A$ Voltage - Input Offset $5\mu V$ Current - Supply $65\mu A$ Current - Output / Channel -  Voltage - Supply, Single/Dual (±) $2.7 \ V \sim 26 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $6$ -TSSOP, SC-88, SOT-363  Supplier Device Package $SC-70-6$	Gain Bandwidth Product	14kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $65\mu A$ Current - Output / Channel -  Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 26 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $6\text{-TSSOP}$ , SC-88, SOT-363  Supplier Device Package SC-70-6	Current - Input Bias	28μΑ
$\begin{tabular}{lll} Current - Output / Channel & - & & & & & & & & & & & & & & & & & $	Voltage - Input Offset	5μV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 26 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-TSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Current - Supply	65μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 6-TSSOP, SC-88, SOT-363  Supplier Device Package SC-70-6	Current - Output / Channel	-
Mounting Type Surface Mount Package / Case 6-TSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Voltage - Supply, Single/Dual (±)	2.7 V ~ 26 V
Package / Case 6-TSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SC-70-6	Mounting Type	Surface Mount
	Package / Case	6-TSSOP, SC-88, SOT-363
	Supplier Device Package	SC-70-6
Report errors's		Report errors?

#### **INA199A1DCKR Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **INA199A1DCKR Payment Methods**



















### **INA199A1DCKR Shipping Methods**













If you have any question about INA199A1DCKR, please do not hesitate to contact us!

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