



#### NCV33074ADR2G Information



For Reference Only

Part Number NCV33074ADR2G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 4.5MHZ 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **NCV33074ADR2G Specifications**

Manufacturer Part Number         NCV33074ADR2G           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-SOIC (0.154", 3.90mm Width)           Series         Automotive, AEC-Q100           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         13 V/μs           Gain Bandwidth Product         4.5MHz           -3db Bandwidth         -           Current - Input Bias         100nA           Voltage - Input Offset         500μV           Current - Supply         1.9mA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         3 V ~ 44 V, ±1.5 V ~ 22 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	NCV33074ADR2G
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Package         14-SOIC (0.154", 3.90mm Width)           Series         Automotive, AEC-Q100           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         13 V/μs           Gain Bandwidth Product         4.5MHz           -3db Bandwidth         -           Current - Input Bias         100nA           Voltage - Input Offset         500μV           Current - Supply         1.9mA           Current - Output / Channel         30mA           Voltage - Supply, Single/Dual (±)         3 V ~ 44 V, ±1.5 V ~ 22 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)           Supplier Device Package         14-SOIC	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100Amplifier TypeGeneral PurposeNumber of Circuits4Output Type-Slew Rate13 V/μsGain Bandwidth Product4.5MHz-3db Bandwidth-Current - Input Bias100nAVoltage - Input Offset500μVCurrent - Supply1.9mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)3 V ~ 44 V, ±1.5 V ~ 22 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type  Number of Circuits  4  Output Type  - Slew Rate  13 V/μs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  1.9mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 44 V, ±1.5 V ~ 22 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits       4         Output Type       -         Slew Rate       13 V/μs         Gain Bandwidth Product       4.5MHz         -3db Bandwidth       -         Current - Input Bias       100nA         Voltage - Input Offset       500μV         Current - Supply       1.9mA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       3 V ~ 44 V, ±1.5 V ~ 22 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       14-SOIC (0.154", 3.90mm Width)         Supplier Device Package       14-SOIC	Series	Automotive, AEC-Q100
Output Type  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  14-SOIC  Silvy W  4.5MHz  -000A  100nA  10	Amplifier Type	General Purpose
Slew Rate 13 V/ $\mu$ s Gain Bandwidth Product 4.5MHz -3db Bandwidth - Current - Input Bias 100nA Voltage - Input Offset 500 $\mu$ V Current - Supply 1.9mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 44 V, $\pm$ 1.5 V ~ 22 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  100nA  Voltage - Input Offset  500μV  Current - Supply  1.9mA  Current - Output / Channel  30mA  Voltage - Supply, Single/Dual (±)  3 V ~ 44 V, ±1.5 V ~ 22 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ Supply \\ Current - Supply \\ 1.9 mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 3 \ V \sim 44 \ V, \pm 1.5 \ V \sim 22 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 14-SOIC$	Slew Rate	13 V/μs
$\begin{array}{lllll} & & & & & & & & & & & \\ & & & & & & & $	Gain Bandwidth Product	4.5MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $1.9 mA$ Current - Output / Channel $30 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 44 V$ , $\pm 1.5 V \sim 22 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case $14\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90 mm$ Width)Supplier Device Package $14\text{-SOIC}$	Current - Input Bias	100nA
Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) 3 V ~ 44 V, ±1.5 V ~ 22 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 44 V, $\pm$ 1.5 V ~ 22 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Current - Supply	1.9mA
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 85^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 14-\mbox{SOIC} \ (0.154", 3.90\mbox{mm Width}) \\ \mbox{Supplier Device Package} & 14-\mbox{SOIC} \\ \end{array} $	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	3 V ~ 44 V, ±1.5 V ~ 22 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Donort amount	Supplier Device Package	14-SOIC
Report errors		Report errors?

### NCV33074ADR2G 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.

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# NCV33074ADR2G Payment Methods

































If you have any question about NCV33074ADR2G, please do not hesitate to contact us!

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