

# TEXAS INSTRUMENTS Operational Amplifiers



## PRECISION AMPLIFIERS (CONT.)



RoHS Compliant This product is RoHS compliant.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.         | TI Part No.   | Package  | No. of Channels | Total Supply Voltage Min/Max (+5V=5, ±5V=10) | Iq per Channel (Max.) (mA) | GBW (Typ) (MHz) | Slew Rate (Typ.) (V/us) | VIO (25°C) (Max.) (mV) | Price Each |      |      |      |  |  |
|--------------------------|---------------|----------|-----------------|--|----------------------------|-----------------|-------------------------|------------------------|------------|------|------|------|--|--|
|                          |               |          |                 |  |                            |                 |                         |                        | 1          | 25   | 100  | 250  |  |  |
| <b>Low Noise (Cont.)</b> |               |          |                 |  |                            |                 |                         |                        |            |      |      |      |  |  |
| 595-TLC2264CD            | TLC2264CD     | SOIC-14  | 4               | 2.7/8  | 0.25                       | 0.71            | 0.55                    | 2.5                    | 2.20       | 2.02 | 1.60 | 1.50 |  |  |
| 595-TLC2264CPW           | TLC2264CPW    | TSSOP-14 | 4               | 2.7/8  | 0.25                       | 0.71            | 0.55                    | 2.5                    | 2.20       | 2.02 | 1.60 | 1.50 |  |  |
| 595-TLC2264ID            | TLC2264ID     | SOIC-14  | 4               | 2.7/8  | 0.25                       | 0.71            | 0.55                    | 2.5                    | 2.34       | 2.15 | 1.69 | 1.59 |  |  |
| 595-TLC2274ACDR          | TLC2274ACDR   | SOIC-14  | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 0.95                   | 2.04       | 1.56 | 1.42 | 1.17 |  |  |
| 595-TLC2274ACPW          | TLC2274ACPW   | TSSOP-14 | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 0.95                   | 2.46       | 2.16 | 1.72 | 1.60 |  |  |
| 595-TLC2274AID           | TLC2274AID    | SOIC-14  | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 0.95                   | 2.23       | 2.05 | 1.61 | 1.36 |  |  |
| 595-TLC2274AIPW          | TLC2274AIPW   | TSSOP-14 | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 0.95                   | 2.26       | 2.07 | 1.63 | 1.54 |  |  |
| 595-TLC2274CD            | TLC2274CD     | SOIC-14  | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.20       | 2.02 | 1.60 | 1.50 |  |  |
| 595-TLC2274CDR           | TLC2274CDR    | SOIC-14  | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.46       | 1.89 | 1.71 | 1.42 |  |  |
| 595-TLC2274CPW           | TLC2274CPW    | TSSOP-14 | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.20       | 2.02 | 1.60 | 1.50 |  |  |
| 595-TLC2274CPWR          | TLC2274CPWR   | TSSOP-14 | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.49       | 1.91 | 1.73 | 1.42 |  |  |
| 595-TLC2274ID            | TLC2274ID     | SOIC-14  | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.34       | 2.15 | 1.69 | 1.59 |  |  |
| 595-TLC2274IPW           | TLC2274IPW    | TSSOP-14 | 4               | 4.4/16                                       | 1.5                        | 2.18            | 3.6                     | 2.5                    | 2.61       | 2.29 | 1.83 | 1.72 |  |  |
| 595-OPA1654AID           | OPA1654AID    | SOIC-14  | 4               | 4.5/36                                       | 2                          | 18              | 10                      | 1.5                    | 2.88       | 2.30 | 1.84 | 1.53 |  |  |
| 595-OPA1654AIPW          | OPA1654AIPW   | TSSOP-14 | 4               | 4.5/36                                       | 2                          | 18              | 10                      | 1.5                    | 2.88       | 2.30 | 1.84 | 1.53 |  |  |
| 595-OPA4141AID           | OPA4141AID    | TSSOP-14 | 4               | 4.5/36                                       | 2.3                        | 10              | 20                      | 3.5                    | 5.17       | 4.72 | 3.78 | 3.29 |  |  |
| 595-OPA4209AIPW          | OPA4209AIPW   | TSSOP-14 | 4               | 4.5/36                                       | 2.5                        | 18              | 6.4                     | 0.15                   | 7.70       | 7.17 | 6.47 | 5.95 |  |  |
| 595-OPA4131NA            | OPA4131NA     | SOIC-14  | 4               | 9/36   | 1.75                       | 4               | 10                      | 1                      | 8.03       | 7.48 | 6.75 | 6.20 |  |  |
| 595-OPA4131UA            | OPA4131UA     | SOIC-16  | 4               | 9/36   | 1.75                       | 4               | 10                      | 1                      | 9.35       | 8.71 | 7.86 | 7.22 |  |  |
| <b>Wide Bandwidth</b>    |               |          |                 |  |                            |                 |                         |                        |            |      |      |      |  |  |
| 595-OPA322AIDBVT         | OPA322AIDBVT  | SOT-23-6 | 1               | 1.8/5.5                                      | 1.9                        | 20              | 10                      | 2                      | 2.10       | 1.62 | 1.47 | 1.20 |  |  |
| 595-OPA377AIDBVT         | OPA377AIDBVT  | SOT-23-5 | 1               | 2.2/5.5                                      | 1.05                       | 5.5             | 2                       | 1                      | 1.75       | 1.38 | 1.24 | .989 |  |  |
| 595-OPA377AIDCKT         | OPA377AIDCKT  | SC-70-5  | 1               | 2.2/5.5                                      | 1.05                       | 5.5             | 2                       | 1                      | 1.75       | 1.38 | 1.24 | .989 |  |  |
| 595-OPA373AIDBVT         | OPA373AIDBVT  | SOT-6    | 1               | 2.3/5.5                                      | 0.75                       | 6.5             | 5                       | 5                      | 1.36       | 1.08 | .951 | .844 |  |  |
| 595-OPA374AIDBVT         | OPA374AIDBVT  | SOT-5    | 1               | 2.3/5.5                                      | 0.75                       | 6.5             | 5                       | 5                      | 1.19       | .95  | .836 | .734 |  |  |
| 595-OPA374AIDG4          | OPA374AIDG4   | SOIC-8   | 1               | 2.3/5.5                                      | 0.75                       | 6.5             | 5                       | 5                      | 1.37       | 1.23 | .968 | .963 |  |  |
| 595-OPA343NA/250         | OPA343NA/250  | SOT-5    | 1               | 2.5/5.5                                      | 1.25                       | 5.5             | 6                       | 8                      | 1.91       | 1.47 | 1.33 | 1.09 |  |  |
| 595-TLV2621IDBVT         | TLV2621IDBVT  | SOT-5    | 1               | 2.5/5.5                                      | 1                          | 11              | 9.5                     | 3.5                    | 1.40       | 1.11 | .977 | .857 |  |  |
| 595-OPA301AIDBVT         | OPA301AIDBVT  | SOT-5    | 1               | 2.7/5.5                                      | 12                         | 150             | 80                      | 5                      | 3.11       | 2.40 | 2.17 | 1.58 |  |  |
| 595-OPA338UA             | OPA338UA      | SOIC-8   | 1               | 2.7/5.5                                      | 1                          | 12.5            | 4.6                     | 3                      | 1.50       | 1.37 | 1.08 | 1.02 |  |  |
| 595-OPA341NA/250         | OPA341NA/250  | SOT-6    | 1               | 2.7/5.5                                      | 1                          | 5.5             | 6                       | 6                      | 3.15       | 2.57 | 2.31 | 1.94 |  |  |
| 595-OPA353UA             | OPA353UA      | SOIC-8   | 1               | 2.7/5.5                                      | 8                          | 44              | 22                      | 8                      | 2.80       | 2.56 | 2.05 | 1.78 |  |  |
| 595-TLV2460CD            | TLV2460CD     | SOIC-8   | 1               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.20       | 1.77 | 1.59 | 1.42 |  |  |
| 595-TLV2461CD            | TLV2461CD     | SOIC-8   | 1               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.08       | 1.67 | 1.50 | 1.34 |  |  |
| 595-TLV2461CDBVBR        | TLV2461CDBVBR | SOT-5    | 1               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 1.73       | 1.33 | 1.21 | 1.14 |  |  |
| 595-TLV2461IDBVR         | TLV2461IDBVR  | SOT-5    | 1               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 1.97       | 1.52 | 1.38 | 1.14 |  |  |
| 595-OPA743NA/3K          | OPA743NA/3K   | SOT-5    | 1               | 3.5/12                                       | 1.5                        | 7               | 10                      | 7                      | 3.11       | 2.40 | 2.17 | 1.80 |  |  |
| 595-OPA725AID            | OPA725AID     | SOIC-8   | 1               | 4/12   | 5.5                        | 20              | 30                      | 3                      | 2.71       | 2.47 | 1.98 | 1.72 |  |  |
| 595-OPA725AIDBVT         | OPA725AIDBVT  | SOT-5    | 1               | 4/12   | 5.5                        | 20              | 30                      | 3                      | 2.77       | 2.26 | 2.03 | 1.94 |  |  |
| 595-OPA726AID            | OPA726AID     | SOIC-8   | 1               | 4/12   | 5.5                        | 20              | 30                      | 3                      | 3.28       | 3.00 | 2.42 | 2.11 |  |  |
| 595-TLE2141ACD           | TLE2141ACD    | SOIC-8   | 1               | 4/44   | 4.4                        | 5.8             | 45                      | 1                      | 1.77       | 1.62 | 1.28 | 1.20 |  |  |
| 595-TLE2141CD            | TLE2141CD     | SOIC-8   | 1               | 4/44   | 4.4                        | 5.8             | 45                      | 1.4                    | 1.77       | 1.62 | 1.28 | 1.20 |  |  |
| 595-TLE2141ID            | TLE2141ID     | SOIC-8   | 1               | 4/44   | 4.4                        | 5.8             | 45                      | 1.4                    | 1.90       | 1.75 | 1.38 | 1.30 |  |  |
| 595-TLC070CD             | TLC070CD      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 2.20       | 1.77 | 1.59 | 1.24 |  |  |
| 595-TLC071AID            | TLC071AID     | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.4                    | 2.14       | 1.65 | 1.32 | 1.24 |  |  |
| 595-TLC071CD             | TLC071CD      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.41       | 1.30 | 1.02 | .969 |  |  |
| 595-TLC071CDR            | TLC071CDR     | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.06       | .85  | .642 | .599 |  |  |
| 595-TLC071CDGN           | TLC071CDGN    | HTSSOP-8 | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | .93        | .85  | .594 | .582 |  |  |
| 595-TLC071ID             | TLC071ID      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.76       | 1.53 | 1.22 | 1.14 |  |  |
| 595-TLC080CD             | TLC080CD      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.93       | 1.77 | 1.39 | 1.31 |  |  |
| 595-TLC081AID            | TLC081AID     | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.4                    | 2.19       | 1.91 | 1.52 | 1.42 |  |  |
| 595-TLC081CD             | TLC081CD      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.41       | 1.30 | 1.02 | .969 |  |  |
| 595-TLC081ID             | TLC081ID      | SOIC-8   | 1               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 1.76       | 1.53 | 1.22 | 1.14 |  |  |
| 595-TLE2071ACD           | TLE2071ACD    | SOIC-8   | 1               | 4.5/38                                       | 2.2                        | 9.4             | 35                      | 2                      | 2.32       | 2.12 | 1.68 | 1.58 |  |  |
| 595-TLE2071CD            | TLE2071CD     | SOIC-8   | 1               | 4.5/38                                       | 2.2                        | 9.4             | 35                      | 4                      | 1.63       | 1.50 | 1.18 | 1.11 |  |  |
| 595-TLE2071ID            | TLE2071ID     | SOIC-8   | 1               | 4.5/38                                       | 2.2                        | 9.4             | 35                      | 4                      | 2.18       | 2.00 | 1.58 | 1.49 |  |  |
| 595-OPA134UA             | OPA134UA      | SOIC-8   | 1               | 5/36   | 5                          | 8               | 20                      | 2                      | 2.68       | 2.45 | 1.96 | 1.70 |  |  |
| 595-OPA1641AIDGKT        | OPA1641AIDGKT | MSOP-8   | 1               | 5/36   | 2.3                        | 11              | 20                      | -                      | 3.22       | 2.58 | 2.35 | 2.12 |  |  |
| 595-TLE2161ACD           | TLE2161ACD    | SOIC-8   | 1               | 7/36   | 0.325                      | 5.8             | 10                      | 2.6                    | 2.02       | 1.62 | 1.46 | 1.30 |  |  |
| 595-TLE2161CD            | TLE2161CD     | SOIC-8   | 1               | 7/36   | 0.325                      | 5.8             | 10                      | 3.1                    | 2.17       | 1.75 | 1.57 | 1.40 |  |  |
| 595-TLV2782CDGK          | TLV2782CDGK   | VSSOP-8  | 2               | 1.8/3.6                                      | 0.82                       | 8               | 4.3                     | 3                      | 3.15       | 2.57 | 2.15 | 2.10 |  |  |
| 595-OPA2322AIDGKT        | OPA2322AIDGKT | MSOP-8   | 2               | 1.8/5.5                                      | 1.8                        | 20              | 10                      | 1.5                    | 2.98       | 2.29 | 2.08 | 1.49 |  |  |
| 595-OPA2322AIDRGT        | OPA2322AIDRGT | SON-8    | 2               | 1.8/5.5                                      | 1.8                        | 20              | 10                      | 1.5                    | 2.98       | 2.29 | 2.08 | 1.49 |  |  |
| 595-OPA2363IDGST         | OPA2363IDGST  | VSSOP-10 | 2               | 1.8/5.5                                      | 0.75                       | 7               | 5                       | 0.9                    | 3.42       | 3.17 | 2.85 | 2.64 |  |  |
| 595-OPA2364AIDGKT        | OPA2364AIDGKT | VSSOP-8  | 2               | 1.8/5.5                                      | 0.75                       | 7               | 5                       | 0.9                    | 2.77       | 2.26 | 2.03 | 1.94 |  |  |
| 595-OPA2364AIDR          | OPA2364AIDR   | SOIC-8   | 2               | 1.8/5.5                                      | 0.75                       | 7               | 5                       | 0.9                    | 3.11       | 2.40 | 2.17 | 1.80 |  |  |
| 595-OPA2377AID           | OPA2377AID    | SOIC-8   | 2               | 2.2/5.5                                      | 1.05                       | 5.5             | 2                       | 1                      | 2.05       | 1.87 | 1.47 | 1.39 |  |  |
| 595-OPA2374AIDCNT        | OPA2374AIDCNT | SSOP-8   | 2               | 2.3/5.5                                      | 0.75                       | 6.5             | 5                       | 5                      | 2.49       | 1.91 | 1.73 | 1.24 |  |  |
| 595-OPA2343EA/2K5        | OPA2343EA/2K5 | MSOP-8   | 2               | 2.5/5.5                                      | 1.25                       | 5.5             | 6                       | 8                      | 2.26       | 1.82 | 1.63 | 1.54 |  |  |
| 595-OPA2343UA            | OPA2343UA     | SOIC-8   | 2               | 2.5/5.5                                      | 1.25                       | 5.5             | 6                       | 8                      | 2.64       | 2.42 | 1.91 | 1.80 |  |  |
| 595-OPA2301AID           | OPA2301AID    | SOIC-8   | 2               | 2.7/5.5                                      | 12                         | 150             | 80                      | 5                      | 3.16       | 2.94 | 2.16 | 2.13 |  |  |
| 595-OPA2301AIDGKT        | OPA2301AIDGKT | VSSOP-8  | 2               | 2.7/5.5                                      | 12                         | 150             | 80                      | 5                      | 3.22       | 2.58 | 2.35 | 2.12 |  |  |
| 595-OPA2338UA            | OPA2338UA     | SOIC-8   | 2               | 2.7/5.5                                      | 1                          | 12.5            | 4.6                     | 3                      | 1.90       | 1.75 | 1.38 | 1.30 |  |  |
| 595-OPA2353UA            | OPA2353UA     | SOIC-8   | 2               | 2.7/5.5                                      | 8                          | 44              | 22                      | 8                      | 5.46       | 4.38 | 3.99 | 3.60 |  |  |
| 595-TLV2462AID           | TLV2462AID    | SOIC-8   | 2               | 2.7/6  | 0.575                      | 5.2             | 1.6                     | 1.5                    | 3.72       | 3.03 | 2.54 | 2.48 |  |  |
| 595-TLV2462CD            | TLV2462CD     | SOIC-8   | 2               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.59       | 2.37 | 1.87 | 1.76 |  |  |
| 595-TLV2462CDR           | TLV2462CDR    | SOIC-8   | 2               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.30       | 1.77 | 1.61 | 1.33 |  |  |
| 595-TLV2462ID            | TLV2462ID     | SOIC-8   | 2               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.95       | 2.37 | 2.13 | 1.90 |  |  |
| 595-TLV2462IDGKR         | TLV2462IDGKR  | VSSOP-8  | 2               | 2.7/6  | 0.575                      | 6.4             | 1.6                     | 2                      | 2.80       | 2.16 | 1.96 | 1.62 |  |  |
| 595-OPA2725AIDGKT        | OPA2725AIDGKT | VSSOP-8  | 2               | 4/12   | 5.5                        | 20              | 30                      | 5                      | 5.46       | 4.38 | 3.99 | 3.60 |  |  |
| 595-OPA2743EA/250        | OPA2743EA/250 | VSSOP-8  | 2               | 4/12   | 1.5                        | 7               | 10                      | 7                      | 4.65       | 3.73 | 3.40 | 3.07 |  |  |
| 595-OPA2743UA            | OPA2743UA     | SOIC-8   | 2               | 4/12   | 1.5                        | 7               | 10                      | 7                      | 4.33       | 3.96 | 3.16 | 2.75 |  |  |
| 595-TLC072AID            | TLC072AID     | SOIC-8   | 2               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.4                    | 2.34       | 2.15 | 1.69 | 1.59 |  |  |
| 595-TLC072CD             | TLC072CD      | SOIC-8   | 2               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 2.36       | 1.90 | 1.71 | 1.52 |  |  |
| 595-TLC072CDGN           | TLC072CDGN    | HTSSOP-8 | 2               | 4.5/16                                       | 2.5                        | 10              | 16                      | 1.9                    | 2.34       |      |      |      |  |  |