

ON SEMICONDUCTOR Amplifiers



This product is RoHS compliant.

ON Semiconductor®



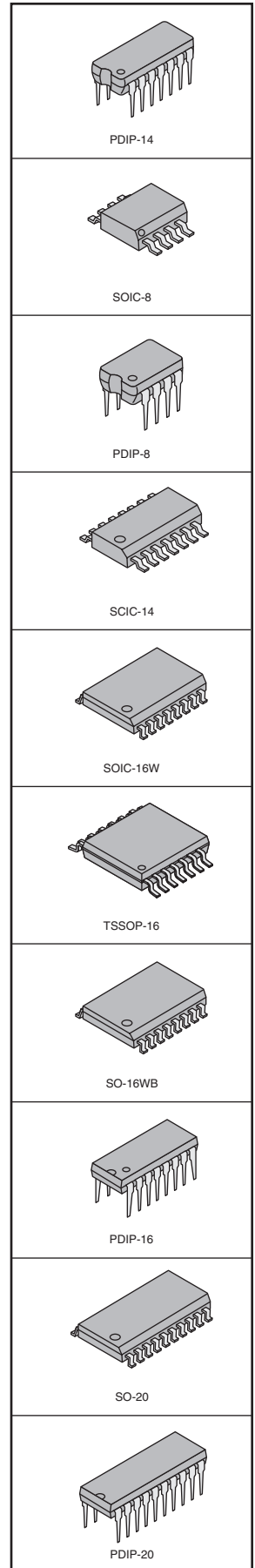
Amplifier ICs

ON Semiconductors

OPERATIONAL AMPLIFIERS

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | ON Semiconductor Part No. | Package | GBW Typ. (MHz) | Ch. | SR Typ. (V/uS) | VIO Max (mV) | VCC Min (V) | VCC Max (V) | ID Typ. (mA) | IO Typ. (mA) | Price Each | | | | | |
|------------------------|---------------------------|-----------|----------------|-----|----------------|--------------|-------------|-------------|--------------|--------------|------------|------|------|------|--|--|
| | | | | | | | | | | | 1 | 25 | 100 | 500 | | |
| General Purpose | | | | | | | | | | | | | | | | |
| 863-LM224NG | LM224NG | PDIP-14 | 1 | 4 | 0.6 | 5 | 3 | 32 | 1.4 | 40 | .57 | .47 | .355 | .286 | | |
| 863-LM258DG | LM258DG | SOIC-8 | 1 | 2 | 0.6 | 5 | 3 | 32 | 1.5 | 40 | .48 | .32 | .26 | .167 | | |
| 863-LM258NG | LM258NG | PDIP-8 | 1 | 2 | 0.6 | 5 | 3 | 32 | 1.5 | 40 | .42 | .35 | .251 | .198 | | |
| 863-LM2902DG | LM2902DG | SOIC-14 | 1 | 4 | 0.6 | 7 | 3 | 32 | 1.4 | 40 | .51 | .33 | .211 | .176 | | |
| 863-LM2902NG | LM2902NG | PDIP-14 | 1 | 4 | 0.6 | 7 | 3 | 32 | 1.4 | 40 | .56 | .46 | .347 | .281 | | |
| 863-LM2904ANG | LM2904ANG | PDIP-8 | 1 | 2 | 0.6 | 7 | 3 | 32 | 1.5 | 40 | .37 | .34 | .303 | .261 | | |
| 863-LM2904DG | LM2904DG | SOIC-8 | 1 | 2 | 0.6 | 7 | 3 | 32 | 1.5 | 40 | .48 | .32 | .201 | .167 | | |
| 863-LM2904NG | LM2904NG | PDIP-8 | 1 | 2 | 0.6 | 7 | 3 | 32 | 1.5 | 40 | .43 | .35 | .266 | .215 | | |
| 863-LM324ADG | LM324ADG | SOIC-14 | 1 | 4 | 0.6 | 3 | 3 | 32 | 1.4 | 40 | .41 | .34 | .242 | .195 | | |
| 863-LM324ANG | LM324ANG | PDIP-14 | 1 | 4 | 0.6 | 3 | 3 | 32 | 1.4 | 40 | .60 | .50 | .372 | .301 | | |
| 863-LM324DG | LM324DG | SOIC-14 | 1 | 4 | 0.6 | 7 | 3 | 32 | 1.4 | 40 | .48 | .32 | .201 | .167 | | |
| 863-LM324NG | LM324NG | PDIP-14 | 1 | 4 | 0.6 | 7 | 3 | 32 | 1.4 | 40 | .55 | .45 | .337 | .272 | | |
| 863-LM358DG | LM358DG | SOIC-8 | 1 | 2 | 0.6 | 7 | 3 | 32 | 1.5 | 40 | .44 | .29 | .184 | .153 | | |
| 863-LM358NG | LM358NG | PDIP-8 | 1 | 2 | 0.6 | 7 | 3 | 32 | 1.5 | 40 | .43 | .35 | .266 | .215 | | |
| 863-LM833NG | LM833NG | PDIP-8 | 15 | 2 | 7 | 5 | ±5 | ±18 | 4 | 29 | .57 | .51 | .377 | .327 | | |
| 863-MC33071ADG | MC33071ADG | SOIC-8 | 4.5 | 1 | 10 | 5 | 3 | 44 | 1.9 | 30 | 1.01 | .90 | .652 | .558 | | |
| 863-MC33072ADG | MC33072ADG | SOIC-8 | 4.5 | 2 | 10 | 3 | 3 | 44 | 3.8 | 30 | .85 | .75 | .547 | .469 | | |
| 863-MC33072APG | MC33072APG | PDIP-8 | 4.5 | 2 | 10 | 3 | 3 | 44 | 3.8 | 30 | .93 | .83 | .717 | .54 | | |
| 863-MC33072DG | MC33072DG | SOIC-8 | 4.5 | 2 | 10 | 5 | 3 | 44 | 3.8 | 30 | .93 | .79 | .59 | .47 | | |
| 863-MC33072PG | MC33072PG | PDIP-8 | 4.5 | 2 | 10 | 5 | 3 | 44 | 3.8 | 30 | .99 | .79 | .683 | .491 | | |
| 863-MC33074ADG | MC33074ADG | SOIC-14 | 4.5 | 4 | 10 | 3 | 3 | 44 | 7.6 | 30 | 1.17 | 1.04 | .756 | .648 | | |
| 863-MC33074APG | MC33074APG | PDIP-14 | 4.5 | 4 | 10 | 3 | 3 | 44 | 7.6 | 30 | 1.43 | 1.24 | .86 | .68 | | |
| 863-MC33074DG | MC33074DG | SOIC-14 | 4.5 | 4 | 10 | 5 | 3 | 44 | 7.6 | 30 | 1.15 | 1.02 | .743 | .637 | | |
| 863-MC33074PG | MC33074PG | PDIP-14 | 4.5 | 4 | 10 | 5 | 3 | 44 | 7.6 | 30 | 1.31 | 1.16 | .846 | .725 | | |
| 863-MC3403PG | MC3403PG | PDIP-14 | 1 | 4 | 0.6 | 10 | 3 | 36 | 2.8 | 20 | .67 | .59 | .439 | .382 | | |
| 863-MC34072ADG | MC34072ADG | SOIC-8 | 4.5 | 2 | 10 | 3 | 3 | 44 | 3.8 | 30 | .93 | .84 | .59 | .47 | | |
| 863-MC34072APG | MC34072APG | PDIP-8 | 4.5 | 2 | 10 | 5 | 3 | 44 | 3.8 | 30 | .89 | .79 | .683 | .52 | | |
| 863-MC34072DG | MC34072DG | SOIC-8 | 4.5 | 2 | 10 | 5 | 3 | 44 | 3.8 | 30 | .90 | .78 | .63 | .51 | | |
| 863-MC34072PG | MC34072PG | PDIP-8 | 4.5 | 2 | 10 | 5 | 3 | 44 | 3.8 | 30 | .84 | .75 | .545 | .467 | | |
| 863-MC34074ADG | MC34074ADG | SOIC-14 | 4.5 | 4 | 10 | 3 | 3 | 44 | 7.6 | 30 | 1.13 | 1.00 | .73 | .626 | | |
| 863-MC34074APG | MC34074APG | PDIP-14 | 4.5 | 4 | 10 | 3 | 3 | 44 | 7.6 | 30 | 1.24 | 1.10 | .803 | .66 | | |
| 863-MC34074DG | MC34074DG | SOIC-14 | 4.5 | 4 | 10 | 3 | 3 | 44 | 7.6 | 30 | .97 | .86 | .626 | .536 | | |
| 863-MC34074PG | MC34074PG | PDIP-14 | 4.5 | 4 | 10 | 5 | 3 | 44 | 7.6 | 30 | 1.07 | .95 | .688 | .59 | | |
| 863-MC34074VPG | MC34074VPG | PDIP-14 | 4.5 | 4 | 10 | 5 | 3 | 44 | 7.6 | 30 | 1.46 | 1.30 | .945 | .81 | | |
| Low Power | | | | | | | | | | | | | | | | |
| 863-MC33171DG | MC33171DG | SOIC-8 | 1.8 | 1 | 2.1 | 4.5 | 3 | 44 | 0.22 | 5 | .87 | .77 | .571 | .47 | | |
| 863-MC33172DG | MC33172DG | SOIC-8 | 1.8 | 2 | 2.1 | 4500 | 3 | 44 | 440 | 5000 | .85 | .75 | .557 | .484 | | |
| 863-MC33172PG | MC33172PG | PDIP-8 | 1.8 | 2 | 2.1 | 4.5 | 3 | 44 | 0.44 | 5 | .91 | .81 | .588 | .504 | | |
| 863-MC33174DG | MC33174DG | SOIC-14 | 1.8 | 4 | 2.1 | 4.5 | 3 | 44 | 0.88 | 5 | 1.11 | .99 | .717 | .614 | | |
| 863-MC33174PG | MC33174PG | PDIP-14 | 1.8 | 4 | 2.1 | 4.5 | 3 | 44 | 0.88 | 5 | 1.58 | 1.40 | 1.02 | .874 | | |
| 863-MC33178DG | MC33178DG | SOIC-8 | 5 | 2 | 2 | 3 | 4 | 36 | 0.9 | 80 | .87 | .77 | .56 | .48 | | |
| 863-MC33178PG | MC33178PG | PDIP-8 | 5 | 2 | 2 | 3 | 4 | 36 | 0.9 | 80 | 1.00 | .89 | .645 | .553 | | |
| 863-MC33179DG | MC33179DG | SOIC-14 | 5 | 4 | 2 | 3 | 4 | 36 | 1.7 | 80 | 1.01 | .90 | .652 | .558 | | |
| 863-MC33179PG | MC33179PG | PDIP-14 | 5 | 4 | 2 | 3 | 4 | 36 | 1.7 | 80 | 1.22 | 1.08 | .789 | .676 | | |
| Low Noise | | | | | | | | | | | | | | | | |
| 863-MC33078DG | MC33078DG | SOIC-8 | 16 | 2 | 7 | 2 | ±5 | ±18 | 4.1 | 29 | 1.50 | 1.21 | .77 | .62 | | |
| 863-MC33078PG | MC33078PG | PDIP-8 | 16 | 2 | 7 | 2 | ±5 | ±18 | 4.1 | 29 | 1.50 | 1.21 | .78 | .62 | | |
| 863-MC33079DG | MC33079DG | SOIC-14 | 16 | 4 | 7 | 2 | ±5 | ±18 | 8.4 | 29 | 1.40 | 1.21 | .79 | .62 | | |
| 863-MC33079PG | MC33079PG | PDIP-14 | 16 | 4 | 7 | 2 | ±5 | ±18 | 8.4 | 29 | 1.55 | 1.34 | .86 | .69 | | |
| 863-MC33178DG | MC33178DG | SOIC-8 | 5 | 2 | 2 | 3 | 4 | 36 | 0.9 | 80 | .87 | .77 | .56 | .48 | | |
| 863-MC33178PG | MC33178PG | PDIP-8 | 5 | 2 | 2 | 3 | 4 | 36 | 0.9 | 80 | 1.00 | .89 | .645 | .553 | | |
| 863-MC33274ADG | MC33274ADG | SOIC-14 | 24 | 4 | 10 | 1 | 3 | 36 | 8.6 | 37 | 1.45 | 1.29 | .939 | .804 | | |
| 863-MC33274APG | MC33274APG | PDIP-14 | 24 | 4 | 10 | 1 | 3 | 36 | 8.6 | 37 | 1.60 | 1.42 | 1.03 | .885 | | |
| 863-NE5532ANG | NE5532ANG | PDIP-8 | 10 | 2 | 9 | 4 | ±3 | ±20 | 8 | 38 | 1.30 | 1.16 | .84 | .72 | | |
| 863-NE5532DG | NE5532DG | SOIC-16WB | 10 | 2 | 9 | 4 | ±3 | ±20 | 8 | 38 | 1.30 | 1.16 | .84 | .72 | | |
| 863-NE5532NG | NE5532NG | PDIP-8 | 10 | 2 | 9 | 4 | ±3 | ±20 | 8 | 38 | 1.32 | 1.10 | .798 | .684 | | |
| 863-NE5534ANG | NE5534ANG | PDIP-8 | 10 | 1 | 13 | 4 | ±3 | ±20 | 8 | 38 | 1.50 | 1.21 | .98 | .81 | | |
| 863-SA5532NG | SA5532NG | PDIP-8 | 10 | 2 | 9 | 4 | ±3 | ±20 | 8 | 38 | 2.98 | 2.38 | 2.14 | .697 | | |
| 863-SA5534ADG | SA5534ADG | SOIC-8 | 10 | 1 | 13 | 4 | ±3 | ±20 | 8 | 38 | 1.59 | 1.36 | 1.02 | .795 | | |
| 863-SA5534ANG | SA5534ANG | PDIP-8 | 10 | 1 | 13 | 4 | ±3 | ±20 | 8 | 38 | 1.53 | 1.29 | 1.10 | .81 | | |
| 863-SA5534NG | SA5534NG | PDIP-8 | 10 | 1 | 13 | 4 | ±3 | ±20 | 8 | 38 | 1.58 | 1.24 | .99 | .765 | | |
| 863-SE5532NG | SE5532NG | PDIP-8 | 10 | 2 | 9 | 2 | ±3 | ±20 | 8 | 38 | 1.58 | 1.28 | .97 | .796 | | |
| 863-SE5534ANG | SE5534ANG | PDIP-8 | 10 | 1 | 13 | 2 | ±3 | ±20 | 6.5 | 38 | 1.58 | 1.26 | 1.05 | .84 | | |
| 863-SE5534NG | SE5534NG | PDIP-8 | 10 | 1 | 13 | 2 | ±3 | ±20 | 6.5 | 38 | 1.45 | 1.25 | .99 | .825 | | |
| Low Voltage | | | | | | | | | | | | | | | | |
| 863-MC33201DG | MC33201DG | SOIC-8 | 2.2 | 1 | 1 | 6 | 1.8 | 12 | 0.9 | 80 | .87 | .77 | .56 | .49 | | |
| 863-MC33202DG | MC33202DG | SOIC-8 | 2 | 2 | 1 | 8 | 1.8 | 12 | 1.8 | 80 | .89 | .79 | .573 | .491 | | |
| 863-MC33202PG | MC33202PG | PDIP-8 | 2 | 2 | 1 | 8 | 1.8 | 12 | 1.8 | 80 | 1.02 | .91 | .66 | .565 | | |
| 863-MC33204DG | MC33204DG | SOIC-14 | 2.2 | 4 | 1 | 10 | 1.8 | 12 | 3.6 | 80 | 1.41 | 1.26 | .912 | .782 | | |
| 863-MC33204PG | MC33204PG | PDIP-14 | 2.2 | 4 | 1 | 10 | 1.8 | 12 | 3.6 | 80 | 1.69 | 1.44 | 1.00 | .86 | | |
| 863-MC33502DG | MC33502DG | SOIC-8 | 5 | 2 | 3 | 5 | 1 | 7 | 3.3 | 40 | 1.95 | 1.69 | 1.23 | 1.04 | | |
| 863-NE5230DG | NE5230DG | SOIC-8 | 0.25 | 1 | 0.09 | 0.4 | 1.8 | 15 | 0.11 | 6 | 2.00 | 1.60 | 1.44 | .796 | | |
| 863-NE5230NG | NE5230NG | PDIP-8 | 0.25 | 1 | 0.09 | 0.4 | 1.8 | 15 | 0.11 | 6 | 2.30 | 1.84 | 1.66 | .813 | | |
| 863-SA5230DG | SA5230DG | SOIC-8 | 0.25 | 1 | 0.09 | 0.4 | 1.8 | 15 | 0.11 | 6 | 1.58 | 1.24 | .99 | .78 | | |
| 863-SA5230NG | SA5230NG | PDIP-8 | 0.25 | 1 | 0.09 | 0.4 | 1.8 | 15 | 0.11 | 6 | 2.73 | 2.18 | 1.96 | .81 | | |
| High Current | | | | | | | | | | | | | | | | |
| 863-TCA0372DPT1G | TCA0372DPT1G | PDIP-8 | 1.4 | 2 | 1.4 | 15 | 5 | 40 | 5 | 1000 | 1.23 | 1.09 | .793 | .68 | | |
| 863-TCA0372DWR2G | TCA0372DWR2G | SOIC-16WB | 1.4 | 2 | 1.4 | 15 | 5 | 40 | 5 | 1000 | 1.30 | 1.14 | .904 | .834 | | |



COMPANDORS

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | ON Semiconductor Part No. | Package | ICC Max (mA) | VCC Max (V) | THD Typ. (%) | en Typ. (uV) | Vref (V) | TA Min (°C) | TA Max (°C) | Price Each | | | |
|------------------|---------------------------|---------|--------------|-------------|--------------|--------------|----------|-------------|-------------|------------|------|------|------|
| | | | | | | | | | | 1 | 25 | 100 | 500 |
| 863-NE570DG | NE570DG | SO-16WB | 4.3 | 24 | 0.3 | 20 | 1.8 | 0 | 70 | 5.58 | 4.06 | 3.32 | 2.77 |
| 863-SA571DG | SA571DG | SO-16WB | 4.3 | 18 | 0.5 | 20 | 1.8 | -40 | 85 | 5.60 | 4.80 | 4.20 | 2.90 |
| 863-SA571NG | SA571NG | PDIP-16 | 4.3 | 18 | 0.5 | | | | | | | | |