

INDUSTRIAL LINEAR IC'S

| | TYPE No. | Original | Temperature Range | Supply Voltage (V) | V _{IO} MAX. (mV) | ΔV _{IO} /ΔT MAX. (μV/°C) | I _B MAX. (nA) | I _{IO} MAX. (nA) | A _v MIN. | CMR MIN. (dB) | SVR MAX. (μV/V) | Package Outline |
|------------------------|-----------|------------|-------------------|---|---------------------------|-----------------------------------|--------------------------|---------------------------|---------------------|---------------|-----------------|------------------|
| OPERATIONAL AMPLIFIERS | μPC51A | 702 | Industrial | V ⁺ =+12 V ⁻ =-6 | 5 | 5 (TYP.) | 7μA | 2μA | 2,000 | 70 | 300 | TO-99 |
| | μPC55A | 709 | Industrial | ±9~±18 | 5 | 20 | 800 | 200 | 20,000 | 70 | 100 | TO-99 |
| | μPC151A/C | 741 | Industrial | ±15 | 6 | 30 | 500 | 200 | 25,000 | 70 | 150 | TO-99/8-LEAD DIP |
| | μPC741C | 741C | Commercial | ±15 | 6 | 30 | 500 | 200 | 25,000 | 70 | 150 | 8-LEAD DIP |
| | μPC152A | — | Industrial | ±15 | 200 | 50 (TYP.) | 10pA | — | 10,000 | 70 (TYP.) | 300 (TYP.) | TO-99 |
| | μPC153A | — | Industrial | ±3~±15 | 5 | 3 (TYP.) | 100 | 50 | 20,000 | 80 | 100 | TO-99 |
| | μPC154A | 725 | Industrial | ±3~±15 | 2.5 | 3 | 125 | 35 | 250,000 | 96 | 35 | TO-99 |
| | μPC156A | 308 | Industrial | ±3~±15 | 7.5 | 6 (TYP.) | 7 | 1 | 25,000 | 80 | 100 | TO-99 |
| | μPC157A/C | 301A | Industrial | ±5~±15 | 7.5 | 30 | 250 | 50 | 25,000 | 70 | 300 | TO-99/8-LEAD DIP |
| | μPC301AC | 301A | Commercial | ±5~±15 | 7.5 | 30 | 250 | 50 | 25,000 | 70 | 300 | 8-LEAD DIP |
| | μPC159A | 318 | Industrial | ±5~±18 | 10 | — | 500 | 200 | 25,000 | 75 | 560 | TO-99 |
| | μPC251A | 747 | Industrial | ±15 | 6 | 30 | 500 | 200 | 25,000 | 70 | 150 | TO-100 |
| | μPC251C | 1458 | Industrial | ±15 | 6 | 30 | 500 | 200 | 20,000 | 70 | 150 | 8-LEAD DIP |
| | μPC1458C | 1458 | Commercial | ±15 | 6 | 30 | 500 | 200 | 20,000 | 70 | 150 | 8-LEAD DIP |
| | μPC253A | — | Industrial | ±3~±15 | 5 | 3 (TYP.) | 100 | 50 | 30,000 | 80 | 100 | TO-99 |
| | μPC451C | 324 | Industrial | +5~+30 | 7 | — | 500 | 50 | 100,000 (TYP.) | 85 (TYP.) | 10 (TYP.) | 14-LEAD DIP |
| | μPC324C | 324 | Commercial | +5~+30 | 7 | — | 500 | 50 | 100,000 (TYP.) | 85 (TYP.) | 10 (TYP.) | 14-LEAD DIP |
| | μPC254A | OP-05 | Industrial | ±3~±18 | 1.3 | 1.5 | ±7 | 6 | 100,000 | 100 | 15 | TO-9 |
| μPC258C | 4558 | Industrial | ±5~±18 | 6 | 6 (TYP.) | 500 | 200 | 20,000 | 70 | 150 | 8-LEAD DIP | |
| μPC4558C | 4558 | Commercial | ±5~±18 | 6 | 6 (TYP.) | 500 | 200 | 20,000 | 70 | 150 | 8-LEAD DIP | |
| μPC250A | — | Industrial | ±4~±18 | 50 | 50 | 1.0pA | — | 10,000 | 70 | 150 | TO-99 | |
| COMPARATORS | μPC71A | 710 | Industrial | +12 -6 | 5 | — | 25μA | 5μA | 750 | 72 | — | TO-99 |
| | μPC177D/C | 339 | Industrial | +5~+36 | 5 | — | 250 | 50 | 200,000 (TYP.) | — | — | 14-LEAD DIP |
| | μPC339C | 339 | Commercial | +5~+36 | 5 | — | 250 | 50 | 200,000 (TYP.) | — | — | 14-LEAD DIP |
| | μPC379A | — | Industrial | +5~+20 | 5 | — | 600 | 150 | 13,000 | — | — | TO-100 |
| | μPC271D/C | 311 | Industrial | ±15 | 7.5 | — | 250 | 50 | 20,000 (TYP.) | — | — | 8-LEAD DIP |
| | μPC311C | 311 | Commercial | ±15 | 7.5 | — | 250 | 50 | 200,000 (TYP.) | — | — | 8-LEAD DIP |

| D/A CONVERTERS | TYPE No. | Original | Temperature Range | Supply Voltage (V) | Resolution (Bit) | Linearity (%) | T.C. V _{FS} (PPM/°C) | Setting Time (μs) | Full Scale Voltage Range (V) | P _d (mW) | Package Outline |
|----------------|----------|----------|-------------------|--------------------|------------------|---------------|-------------------------------|-------------------|------------------------------|---------------------|-----------------|
| | μPC603D | DAC-01 | Industrial | ±15V | 6 | 0.4 | 160 | 3 | +10, ±5, ±10 | 250 | 16-LEAD DIP |
| | μPC610D | DAC-02 | Industrial | ±15V | 11 | 0.2 | 100 | 6 | ±10 Multiplying | 300 | 18-LEAD DIP |
| | μPC624D | DAC-08 | Industrial | ±15V | 8 | 0.19 | 50 | 0.15 | -10, +18 | 175 | 16-LEAD DIP |