

# 运放产品简介

标准信号产品事业部

# 运放产品选型目录

## 低压通用运算放大器

| Product No. | Channel | Noise @ 1KHz<br>Typ(nV/ $\sqrt{\text{Hz}}$ ) | Power Supply | GBW (MHz) | Slew Rate (V/ $\mu\text{s}$ ) | Iq/CH ( $\mu\text{A}$ ) | Input Bias Current (pA) | Maximun Vos(mV) | Rail to Rail Input /Output | Package        |
|-------------|---------|--|--------------|-----------|-------------------------------|-------------------------|-------------------------|-----------------|----------------------------|----------------|
| BL321L      | 1       | 27   | 2.1~5.5      | 1         | 0.6                           | 40                      | 1                       | 3.5             | Y                          | SOT23-5        |
| BL358L      | 2       | 27   | 2.1~5.5      | 1         | 0.6                           | 40                      | 1                       | 3.5             | Y                          | SOP8           |
| BL324L      | 4       | 27   | 2.1~5.5      | 1         | 0.6                           | 40                      | 1                       | 3.5             | Y                          | SOP14, TSSOP14 |

## 中压通用运算放大器

| Product No. | Channel | CMR(dB) | Power Supply | GBW (MHz) | PSR(dB) | Iq/CH ( $\mu\text{A}$ ) | Input Bias Current (nA) | Maximun Vos(mV) | Rail to Rail Input /Output | Package |
|-------------|---------|---------|--------------|-----------|---------|-------------------------|-------------------------|-----------------|----------------------------|---------|
| BL321       | 1       | 90      | 4~25         | 1         | 85      | 430                     | 45                      | 5               | N                          | SOT23-5 |
| BL358       | 2       | 90      | 4~25         | 1         | 85      | 430                     | 45                      | 5               | N                          | SOP8    |

## 高压通用运算放大器

| Product No. | Channel | CMR(dB) | Power Supply | GBW (MHz) | Slew Rate (V/ $\mu\text{s}$ ) | Iq/CH ( $\mu\text{A}$ ) | Input Bias Current (nA) | Vos(mV) | Rail to Rail Input /Output | Package |
|-------------|---------|---------|--------------|-----------|-------------------------------|-------------------------|-------------------------|---------|----------------------------|---------|
| BL321H      | 1       | 70      | 3-36         | 1         | 0.2                           | 250                     | 20                      | 0.4-5   | N                          | SOT23-5 |
| BL358H      | 2       | 70      | 3-36         | 1         | 0.2                           | 250                     | 20                      | 0.4-5   | N                          | SOP8    |
| BL324       | 4       | 70      | 3-36         | 1         | 0.2                           | 250                     | 20                      | 0.4-5   | N                          | SOP14   |

## 低压纳安级运算放大器

| Product No. | Channel | Iq/CH (nA) | Power Supply | GBW (KHz) | Slew Rate (V/ms) | Maximun Vos(mV) | Input Bias Current (pA) | Enable Pin R | Rail to Rail Input /Output | Package       |
|-------------|---------|------------|--------------|-----------|------------------|-----------------|-------------------------|--------------|----------------------------|---------------|
| BL3691      | 1       | 600        | 1.4~5.5      | 14.5      | 6                | 3               | 1                       | N            | Y                          | SOT23-5       |
| BL3692      | 2       | 600        | 1.4~5.5      | 14.5      | 6                | 3               | 1                       | N            | Y                          | SOP8,MSOP8    |
| BL3694      | 4       | 600        | 1.4~5.5      | 14.5      | 6                | 3               | 1                       | N            | Y                          | SOP14,TSSOP14 |

## 低噪声运算放大器

| Product No. | Channel | Noise @ 1KHz Typ(nV/ $\sqrt{\text{Hz}}$ ) | Power Supply | GBW (MHz) | Slew Rate (V/ $\mu\text{s}$ ) | Iq/CH ( $\mu\text{A}$ ) | Input Bias Current (pA) | Maximun Vos(mV) | Rail to Rail Input /Output | Package    |
|-------------|---------|---|--------------|-----------|-------------------------------|-------------------------|-------------------------|-----------------|----------------------------|------------|
| BL3791      | 1       | 11.5                                      | 2.1~5.5      | 11        | 9                             | 1100                    | 1                       | 3.5             | Y                          | SOT23-5    |
| BL3792      | 2       | 11.5                                      | 2.1~5.5      | 11        | 9                             | 1100                    | 1                       | 3.5             | Y                          | SOP8,MSOP8 |
| BL3794      | 4       | 11.5                                      | 2.1~5.5      | 11        | 9                             | 1100                    | 1                       | 3.5             | Y                          | SOP14      |

## 高精度运算放大器

| Product No. | Channel | Maximun Vos ( $\mu\text{V}$ ) | Power Supply | GBW (MHz) | Slew Rate (V/ $\mu\text{s}$ ) | Iq/CH ( $\mu\text{A}$ ) | Input Bias Current (pA) | Noise @ 1KHz Typ(nV/ $\sqrt{\text{Hz}}$ ) | Rail to Rail Input /Output | Package       |
|-------------|---------|-------------------------------|--------------|-----------|-------------------------------|-------------------------|-------------------------|---|----------------------------|---------------|
| BL3891      | 1       | 30                            | 1.8~5.5      | 1.8       | 0.95                          | 180                     | 20                      | 38  | Y                          | SOT23-5       |
| BL3892      | 2       | 30                            | 1.8~5.5      | 1.8       | 0.95                          | 180                     | 20                      | 38  | Y                          | SOP8,MSOP8    |
| BL3894      | 4       | 30                            | 1.8~5.5      | 1.8       | 0.95                          | 180                     | 20                      | 38  | Y                          | SOP14,TSSOP14 |



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