

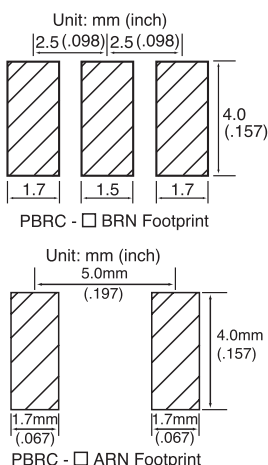
Resonators



A range of high quality, leaded and surface mount, Ceramic Resonators for oscillator circuit designs. Frequency tolerance $\pm 0.5\%$.

| Freq. MHz | W | H | D | Lead Spacing | Mfrs. List No. | Order Code | Price Each | | | |
|-----------|-----|-----|-----|--------------|------------------|------------|------------|--------|--------|-------|
| | | | | | | | 1+ | 10+ | 100+ | 250+ |
| 2.0 | 7.4 | 2.0 | 3.4 | 5.0 | PBRC2.00GR50X000 | 120-9934 | 209.00 | 138.00 | 114.00 | 65.00 |
| 4.0 | 7.4 | 2.0 | 5.0 | 5.0 | PBRC4.00GR50X000 | 120-9937 | 52.00 | 49.00 | 46.00 | 43.00 |
| 4.19 | 7.4 | 2.0 | 3.4 | 5.0 | PBRC4.19GR50X000 | 121-8527 | 56.00 | 53.00 | 50.00 | 46.00 |
| 6.0 | 7.4 | 2.0 | 3.4 | 5.0 | PBRC6.00GR50X000 | 121-8528 | 78.00 | 73.00 | 69.00 | 64.00 |
| 8.0 | 7.4 | 2.0 | 5.0 | 5.0 | PBRC8.00GR50X000 | 120-9938 | 199.00 | 145.00 | 108.00 | 61.00 |

The following 3 lead Ceramic Resonators can make up oscillation circuits without load capacitance. These are Resonators with built-in capacitor. 210589



| Freq. MHz | W | H | D | Lead Spacing | Mfrs. List No. | Order Code | Price Each | | | |
|-----------|-----|-----|-----|--------------|-------------------|------------|------------|--------|--------|-------|
| | | | | | | | 1+ | 25+ | 100+ | 250+ |
| 2.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC2.00HR50X000 | 121-8531 | 82.00 | 68.00 | 59.00 | 52.00 |
| 3.58 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC3.58HR50X000 | 120-9940 | 133.00 | 100.00 | 73.00 | 40.00 |
| 4.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC4.00HR50X000 | 120-9941 | 140.00 | 104.00 | 77.00 | 44.00 |
| 4.19 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC4.19HR50X000 | 121-8532 | 55.00 | 52.00 | 49.00 | 46.00 |
| 6.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC6.00HR50X000 | 120-9939 | 224.00 | 164.00 | 118.00 | 67.00 |
| 8.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC8.00HR50X000 | 120-9943 | 215.00 | 156.00 | 115.00 | 66.00 |
| 10.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC10.00HR50X0RZ | 121-8533 | 97.00 | 91.00 | 86.00 | 79.00 |
| 12.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC12.00HR50X0RZ | 121-8535 | 97.00 | 91.00 | 86.00 | 79.00 |
| 16.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC16.00HR50X0RZ | 121-8536 | 97.00 | 91.00 | 86.00 | 79.00 |
| 20.0 | 7.4 | 2.0 | 3.4 | 2.5 | PBRC20.00HR50X000 | 121-8537 | 120.00 | 113.00 | 107.00 | 98.00 |

A/D & D/A Converters

414034

| Mfr. | Pins | Pkg | Linearity Error \pm LSB | Conversion Time $\pm 1/2$ LSB, μ s | Features | Mfrs. List No. | Order Code | Price Each | | | | | |
|------------------|------|-----|---------------------------|--|----------|--|----------------|------------|--------|--------|--------|--------|----|
| | | | | | | | | 1+ | 25+ | 100+ | 250+ | + | |
| 8-Bit A/D | | | | | | | | | | | | | |
| 081 | NSC | 6 | SOT-23 | 0.07 | 1 | 1MSPS, 8-Bit A/D Converter | ADC081S101CIMF | 100-7977 | 155.00 | 113.00 | 84.00 | -- | -- |
| 082 | NSC | 8 | MSOP | 0.04 | 5 | 2 Channel, 200 KSPS, 8-Bit A/D Converter | ADC082S021C1MM | 100-7978 | 125.00 | 88.00 | 64.00 | -- | -- |
| 082 | NSC | 8 | MSOP | 0.09 | 2 | 2 Channel, 500 kSPS, 8-Bit A/D Converter | ADC082S051C1MM | 100-7979 | 157.00 | 114.00 | 85.00 | -- | -- |
| 082 | NSC | 8 | MSOP | 0.1 | 1 | 2 Channel, 1 MSPS, 8-Bit A/D Converter | ADC082S101C1MM | 100-7980 | 194.00 | 141.00 | 105.00 | -- | -- |
| 084 | NSC | 10 | MSOP | 0.09 | 2 | 4 Channel, 500 kSPS, 8-Bit A/D Converter | ADC084S051C1MM | 100-7983 | 178.00 | 130.00 | 97.00 | -- | -- |
| 084 | NSC | 10 | MSOP | 0.1 | 1 | 4 Channel, 1 MSPS, 8-Bit A/D Converter | ADC084S101C1MM | 100-7984 | 223.00 | 162.00 | 122.00 | -- | -- |
| 540 | TI | 20 | PDIP | 0.5 | 9 | 8-BIT A-D Converter, 75 KSPS | TLC540IN | 845-4337 | 223.00 | 170.00 | 130.00 | 115.00 | -- |
| 548 | TI | 8 | PDIP | 0.5 | 17 | 8-BIT A-D Converter, 45.5 KSPS | TLC548CP | 845-4345 | 165.00 | 126.00 | 102.00 | 95.00 | -- |
| 549 | TI | 8 | DIL | 0.5 | 17 | C, S, S/A | TLC549IP.. | 396-321 | 128.00 | 98.00 | 80.00 | 74.00 | -- |
| 549 | TI | 8 | DIL | 0.5 | 17 | C, S, S/A | TLC549IP | 110-6008 | 133.00 | 102.00 | 78.00 | 68.00 | -- |
| 549 | TI | 8 | SOIC | 0.5 | 17 | 8-BIT A-D Converter, 40 KSPS | TLC549CD | 845-4353 | 114.00 | 87.00 | 66.00 | 58.00 | -- |
| 549 | TI | 8 | PDIP | 0.5 | 17 | 8-BIT A-D Converter, 40 KSPS | TLC549CP | 845-4361 | 120.00 | 92.00 | 75.00 | 70.00 | -- |
| 571 | TI | 24 | SOIC | 0.5 | | 8-BIT A-D Converter | TLV571IDW | 845-5864 | 298.00 | 228.00 | 185.00 | 162.00 | -- |
| 803 | NSC | 20 | DIL | 0.5 | 100 | C, MC, P, S/A | ADC0803LCN. | 396-163 | 245.00 | 178.00 | 150.00 | -- | -- |
| 803 | NSC | 20 | DIL | 0.5 | 100 | C, MC, P, S/A | ADC0803LCN | 948-6577 | 245.00 | 178.00 | 133.00 | -- | -- |
| 804 | NSC | 20 | SOIC | 1 | 100 | C, MC, P, S/A | ADC0804LCWMM | 948-6585 | 141.00 | 102.00 | 81.00 | -- | -- |
| 804 | NSC | 20 | DIL | 1 | 100 | C, MC, P, S/A | ADC0804LCN | 948-6593 | 172.00 | 125.00 | 94.00 | -- | -- |
| 808 | NSC | 28 | DIL | 0.5 | 100 | 8-Channel, MC, P, S/A | ADC0808CCN. | 397-787 | 297.00 | 230.00 | 202.00 | -- | -- |
| 808 | NSC | 28 | DIL | 0.5 | 100 | 8-Channel, MC, P, S/A | ADC0808CCN | 948-6674 | 297.00 | 244.00 | 202.00 | -- | -- |
| 809 | NSC | 28 | DIL | 1 | 100 | 8-Channel, MC, P, S/A | ADC0809CCN. | 397-799 | 237.00 | 172.00 | 137.00 | -- | -- |
| 809 | NSC | 28 | DIL | 1 | 100 | 8-Channel, MC, P, S/A | ADC0809CCN | 948-6682 | 237.00 | 172.00 | 146.00 | -- | -- |
| 817 | NSC | 40 | DIL | 1 | 100 | 16-Channel, MC, P, S/A | ADC0817CCN. | 397-805 | 452.00 | 374.00 | 310.00 | -- | -- |
| 817 | NSC | 40 | DIL | 1 | 100 | 16-Channel, MC, P, S/A | ADC0817CCN | 948-6690 | 452.00 | 352.00 | 276.00 | -- | -- |
| 820 | TI | 20 | PDIP | 1 | 2.5 | 8-BIT A-D Converter, 392 KSPS | TLC0820ACN | 845-3691 | 241.00 | 184.00 | 149.00 | 139.00 | -- |
| 820 | TI | 20 | PDIP | 1 | 2.5 | 8-BIT A-D Converter, 392 KSPS | TLC0820AIN | 845-3705 | 258.00 | 198.00 | 151.00 | 133.00 | -- |
| 831 | NSC | 8 | DIL | 1 | 32 | MC, S, S/A | ADC0831CCN. | 396-205 | 154.00 | 114.00 | 91.00 | -- | -- |
| 831 | TI | 20 | SOIC | 2 | 100 | C, P, R, T/H | ADS831EG4 | 121-4357 | 355.00 | 271.00 | 225.00 | 200.00 | -- |
| 831 | BB | 20 | SOIC | 2 | 100 | C, P, R, T/H | ADS831E | 332-3626 | 355.00 | 271.00 | 239.00 | 226.00 | -- |
| 831 | TI | 8 | PDIP | 0.4 | 32 | 8-BIT A-D Converter, 31KSPS | TLC0831CP | 845-3721 | 181.00 | 138.00 | 106.00 | 93.00 | -- |
| 831 | TI | 8 | PDIP | 0.4 | 32 | 8-BIT A-D Converter, 31KSPS | TLC0831IP | 845-3730 | 193.00 | 148.00 | 113.00 | 99.00 | -- |
| 831 | NSC | 8 | DIL | 1 | 32 | MC, S, S/A | ADC0831CCN | 948-6607 | 154.00 | 114.00 | 91.00 | -- | -- |
| 838 | NSC | 20 | DIL | 1 | 32 | 8-Channel, MC, S, S/A | ADC0838CCN | 948-6615 | 148.00 | 111.00 | 83.00 | -- | -- |
| 844 | NSC | 20 | DIL | 1 | 40 | 4-Channel, C, MC, P, S/A | ADC0844CCN. | 396-229 | 287.00 | 214.00 | 170.00 | -- | -- |
| 844 | NSC | 20 | DIL | 1 | 40 | 4-Channel, C, MC, P, S/A | ADC0844CCJ | 949-814 | 553.00 | 444.00 | 377.00 | -- | -- |
| 844 | NSC | 20 | DIL | 1 | 40 | 4-Channel, C, MC, P, S/A | ADC0844CCN | 948-6623 | 287.00 | 214.00 | 160.00 | -- | -- |
| 848 | NSC | 24 | DIL | 1 | 40 | 8-Channel, C, MC, P, S/A | ADC0848CCN. | 396-230 | 316.00 | 237.00 | 188.00 | -- | -- |
| 848 | NSC | 28 | PLCC | 1 | 40 | 8-Channel, C, MC, P, S/A | ADC0848CCV. | 949-863 | 294.00 | 230.00 | 191.00 | -- | -- |
| 848 | NSC | 24 | DIL | 1 | 40 | 8-Channel, C, MC, P, S/A | ADC0848CCN | 948-6631 | 316.00 | 237.00 | 177.00 | -- | -- |
| 848 | NSC | 28 | PLCC | 1 | 40 | 8-Channel, C, MC, P, S/A | ADC0848CCV | 949-4308 | 294.00 | 230.00 | 180.00 | -- | -- |
| 1111 | MAX | 16 | QSOP | 1 | 55 | (4 channel), C, R, S/A, T/H | MAX1111CEE+ | 972-5237 | 316.00 | 251.00 | 179.00 | -- | -- |
| 1112 | MAX | 20 | SSOP | 1 | 55 | 8-Channel, C, R, S/A, T/H | MAX1112CAP+ | 118-7989 | 347.00 | 277.00 | 198.00 | -- | -- |
| 1173 | NSC | 24 | SOIC | 0.8 | 0.018 | R, S/H | ADC1173CIJM | 948-5783 | 163.00 | 119.00 | 89.00 | -- | -- |
| 1173 | NSC | 24 | TSSOP | 0.8 | 0.018 | R, S/H | ADC1173CIMTC | 977-8179 | 163.00 | 122.00 | 91.00 | -- | -- |
| 5540 | TI | 24 | SOIC | 1 | 40 | C, L, P, R, S/H | TLC5540INS | 110-2961 | 278.00 | 213.00 | 176.00 | 157.00 | -- |
| 5540 | TI | 24 | SOIC | 1 | 40 | C, L, P, R, S/H | TLC5540INS. | 334-9779 | 299.00 | 229.00 | 185.00 | 173.00 | -- |
| 7468 | ADI | 8 | MSOP | 0.2 | 4.7 | 1.6V, S/A, T/H | AD7468BRM | 839-7309 | 98.00 | 84.00 | 69.00 | -- | -- |
| 7478 | ADI | 8 | MSOP | 0.3 | 600 | MC, S/A, T/H | AD7478AARMZ | 942-6353 | 81.00 | 73.00 | 66.00 | -- | -- |
| 7478 | NSC | 6 | SOT-23 | 0.5 | 1 | C, S/A, T/H | ADCS7478AIMF | 977-9736 | 154.00 | 113.00 | 84.00 | -- | -- |
| 7575 | ADI | 18 | DIL | 1 | 5 | C, P, S/A, S/H | AD7575JNZ | 107-9349 | 466.00 | 405.00 | 327.00 | -- | -- |
| 7813 | ADI | 16 | DIL | 1 | 2.3 | C, P, R, S/A, T/H | AD7813YNZ | 107-9302 | 250.00 | 208.00 | 167.00 | -- | -- |
| 7819 | ADI | 16 | DIL | 1 | 4.5 | C, P, R, S/A, T/H | AD7819YNZ | 107-9303 | 192.00 | 170.00 | 149.00 | -- | -- |
| 7820 | ADI | 20 | DIL | 1 | 1.6 | C, P, S/H | AD7820KNZ | 107-9350 | 874.00 | 761.00 | 530.00 | -- | -- |
| 7822 | ADI | 20 | DIL | 0.75 | 0.42 | 3V/5V Flash C, P, R, T/H | AD7822BNZ | 107-9304 | 289.00 | 241.00 | 193.00 | -- | -- |
| 7823 | ADI | 8 | DIL | 0.5 | 4.5 | S, S/A, T/H | AD7823YNZ | 114-3218 | 192.00 | 160.00 | 128.00 | -- | -- |
| 7824 | ADI | 24 | DIL | 1 | 2 | 4-Channel, C, P, S/H | AD7824KNZ | 107-9351 | 835.00 | 740.00 | 647.00 | -- | -- |
| 7825 | ADI | 24 | DIL | 0.75 | 0.42 | 4-Channel, 3V/5V Flash C, P, R, T/H | AD7825BNZ | 107-9305 | 334.00 | 278.00 | 223.00 | -- | -- |
| 7827 | ADI | 8 | DIL | 0.5 | 0.42 | R, S, T/H, V | AD7827BNZ | 114-3181 | 255.00 | 212.00 | 170.00 | -- | -- |

Semiconductors - Integrated Circuits

23

Compliant
 Non-compliant
 RoHS
 + Limited stock - RoHS replacement available

300,000 products, stocked and ready to despatch