

TEXAS INSTRUMENTS Power Management ICs



Products may be RoHS compliant. Check mouser.com for RoHS status.

FIXED SHUNT VOLTAGE REFERENCES (CONT.)

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Texas Instruments Part No. | Package | VO (V) | Initial Accuracy @ 25deg°C (%) | Temp Coeff (Typ.) (ppm/deg°C) | I _{out} /L _Z (Max.) (mA) | Price Each | | | |
|-----------------------|----------------------------|----------|--------|--------------------------------|-------------------------------|--|------------|------|------|------|
| | | | | | | | 1 | 10 | 100 | 1000 |
| 595-LM4041QEEM31.2NO | LM4041QEEM3-1.2NO | SOT-23-3 | 1.225 | 0.1 | 15 | 0.012 | 1.18 | 1.05 | .826 | .449 |
| 595-LM4041QEEM31.2NO | LM4041QEEM3-1.2NO | SOT-23-3 | 1.225 | 0.1 | 15 | 0.012 | .99 | .888 | .692 | .376 |
| 595-REF2025AIDDC | REF2025AIDDC | SOT23-5 | 2.5 | 0.05 | 3 | 20 | 3.83 | 3.44 | 2.82 | 1.81 |
| 595-LM4040D25IDCKR | LM4040D25IDCKR | SC-70-5 | 2.5 | 1 | 15 | 15 | .67 | .558 | .36 | .288 |
| 595-LM4040D25ILP | LM4040D25ILP | TO-92-3 | 2.5 | 1 | 15 | 15 | .80 | .67 | .432 | .346 |
| 926-LM336BZ-2.5/NOPB | LM336BZ-2.5/NOPB | TO-92 | 2.5 | 1 | 20 | 10 | 1.11 | .949 | .729 | .509 |
| 926-LM336Z-2.5/NOPB | LM336Z-2.5/NOPB | TO-92 | 2.5 | 1 | 20 | 10 | .72 | .604 | .39 | .312 |
| 926-LM4040DIM325NOPB | LM4040DIM3-2.5/NOPB | SOT-23-3 | 2.5 | 1 | 150 | 10 | .76 | .639 | .412 | .33 |
| 595-LM285DR-2-5 | LM285DR-2-5 | SOIC-8 | 2.5 | 1.5 | - | 20 | .57 | .477 | .308 | .246 |
| 595-LM285LP-2-5 | LM285LP-2-5 | TO-92-3 | 2.5 | 1.5 | - | 20 | .67 | .564 | .364 | .291 |
| 595-LM385BLP-2-5 | LM385BLP-2-5 | TO-92-3 | 2.5 | 1.5 | - | 20 | .74 | .62 | .40 | .32 |
| 926-LM285M-2.5/NOPB | LM285M-2.5/NOPB | SOIC-8 | 2.5 | 1.5 | 150 | 10 | .91 | .778 | .598 | .417 |
| 926-LM285MX-2.5/NOPB | LM285MX-2.5/NOPB | SOIC-8 | 2.5 | 1.5 | 30 | 10 | .86 | .719 | .464 | .371 |
| 926-LM4040EIM325NOPB | LM4040EIM3-2.5/NOPB | SOT-23-3 | 2.5 | 2 | 150 | 10 | .69 | .58 | .374 | .299 |
| 926-LM4431M3X25NOPB | LM4431M3X-2.5/NOPB | SOT-23 | 2.5 | 2 | 30 | 10 | .85 | .728 | .559 | .39 |
| 595-LM385LP-2-5 | LM385LP-2-5 | TO-92-3 | 2.5 | 3 | - | 20 | .60 | .505 | .308 | .238 |
| 926-LM385BZ-2.5/NOPB | LM385BZ-2.5/NOPB | TO-92 | 2.5 | 3 | 150 | 10 | .95 | .817 | .628 | .438 |
| 926-LM385M3-2.5/NOPB | LM385M3-2.5/NOPB | SOT-23-3 | 2.5 | 3 | 150 | 10 | 1.01 | .868 | .667 | .465 |
| 926-LM385M3X-2.5/NOPB | LM385M3X-2.5/NOPB | SOT-23-3 | 2.5 | 3 | 30 | 10 | 1.01 | .868 | .667 | .465 |
| 926-LM385Z-2.5/NOPB | LM385Z-2.5/NOPB | TO-92 | 2.5 | 3 | 150 | 10 | .66 | .552 | .356 | .285 |
| 595-REF2030AIDDC | REF2030AIDDC | SOT-5 | 3 | 0.05 | 3 | 20 | 3.83 | 3.44 | 2.82 | 1.81 |
| 595-LM4040A30IDBZR | LM4040A30IDBZR | SOT-23-3 | 3 | 0.1 | 15 | 15 | 2.64 | 2.25 | 1.95 | 1.39 |
| 926-LM4120AIM530NOPB | LM4120AIM5-3.0/NOPB | SOT-23-5 | 3 | 0.2 | 14 | - | 1.99 | 1.78 | 1.43 | .844 |
| 595-LM4040C30IDBZR | LM4040C30IDBZR | SOT-23-3 | 3 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |
| 595-LM4040C30IDCKR | LM4040C30IDCKR | SC-70-5 | 3 | 0.5 | 15 | 15 | .82 | .70 | .538 | .375 |
| 926-LM4120IM53.0NOPB | LM4120IM5-3.0/NOPB | SOT-23-5 | 3 | 0.5 | 15 | - | 1.85 | 1.67 | 1.34 | .788 |
| 595-LM4040D30IDBZR | LM4040D30IDBZR | SOT-23-3 | 3 | 1 | 15 | 15 | .67 | .558 | .36 | .288 |
| 926-LM4132AMF3.3NOPB | LM4132AMF-3.3/NOPB | SOT-23-5 | 3.3 | 0.05 | 10 | - | 3.09 | 2.78 | 2.28 | 1.46 |
| 926-LM4120AIM533NOPB | LM4120AIM5-3.3/NOPB | SOT-23-5 | 3.3 | 0.2 | 14 | - | 1.99 | 1.78 | 1.43 | .844 |
| 926-LM4132AMF4.1NOPB | LM4132AMF-4.1/NOPB | SOT-23-5 | 4.096 | 0.05 | - | - | 3.09 | 2.78 | 2.28 | 1.46 |
| 595-REF2041AIDDC | REF2041AIDDC | SOT-5 | 4.096 | 0.05 | 3 | 20 | 3.83 | 3.44 | 2.82 | 1.81 |
| 595-REF1941AIDDC | REF1941AIDDC | SOT-5 | 4.096 | 0.1 | 10 | 20 | 2.71 | 2.44 | 2.00 | 1.28 |
| 595-LM4040A41IDBZT | LM4040A41IDBZT | SOT-23-3 | 4.096 | 0.1 | 15 | 15 | 3.04 | 2.58 | 2.24 | 1.60 |
| 926-LM4040AIM341NOPB | LM4040AIM3-4.1/NOPB | SOT-23-3 | 4.096 | 0.1 | 20 | 10 | 1.72 | 1.46 | 1.17 | .846 |
| 926-LM4040AIZ4.1NOPB | LM4040AIZ-4.1/NOPB | TO-92 | 4.096 | 0.1 | 20 | 10 | 1.72 | 1.46 | 1.17 | .846 |
| 926-LM4050AIM341NOPB | LM4050AIM3-4.1/NOPB | SOT-23-3 | 4.096 | 0.1 | 50 | 10 | 2.78 | 2.50 | 2.01 | 1.18 |
| 926-LM4132BMF4.1NOPB | LM4132BMF-4.1/NOPB | SOT-23-5 | 4.096 | 0.1 | 20 | - | 2.65 | 2.38 | 1.91 | 1.12 |
| 595-LM4040B41IDBZT | LM4040B41IDBZT | SOT-23-3 | 4.096 | 0.2 | 15 | 15 | 2.20 | 1.87 | 1.50 | 1.08 |
| 926-LM4040BIM341NOPB | LM4040BIM3-4.1/NOPB | SOT-23-3 | 4.096 | 0.2 | 20 | 10 | 1.19 | 1.02 | .785 | .548 |
| 926-LM4050BIM341NOPB | LM4050BIM3-4.1/NOPB | SOT-23-3 | 4.096 | 0.2 | 50 | 10 | 2.12 | 1.90 | 1.53 | .90 |
| 926-LM4120AIM541NOPB | LM4120AIM5-4.1/NOPB | SOT-23-5 | 4.096 | 0.2 | 14 | - | 1.99 | 1.78 | 1.43 | .844 |
| 595-LM4040C41IDBZR | LM4040C41IDBZR | SOT-23-3 | 4.096 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |
| 595-LM4040C41ILPR | LM4040C41ILPR | TO-92-3 | 4.096 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |
| 926-LM4040CIM341NOPB | LM4040CIM3-4.1/NOPB | SOT-23-3 | 4.096 | 0.5 | 20 | 10 | .88 | .735 | .474 | .379 |
| 595-LM4040D41IDBZR | LM4040D41IDBZR | SOT-23-3 | 4.096 | 1 | 15 | 15 | .67 | .558 | .36 | .288 |
| 595-LM4040D41ILP | LM4040D41ILP | TO-92 | 4.096 | 1 | 15 | 15 | .80 | .67 | .432 | .346 |
| 926-LM4040DIM341NOPB | LM4040DIM3-4.1/NOPB | SOT-23-3 | 4.096 | 1 | 150 | 10 | .76 | .639 | .412 | .33 |
| 595-LM4040A50IDBZR | LM4040A50IDBZR | SOT-23-3 | 5 | 0.1 | 15 | 15 | 2.64 | 2.25 | 1.95 | 1.39 |
| 926-LM4040DIM750NOPB | LM4040DIM7-5.0/NOPB | SC-70 | 5 | 0.1 | 100 | 10 | .76 | .639 | .412 | .33 |
| 926-LM4040DIZ5.0/LFT1 | LM4040DIZ-5.0/LFT1 | TO-92 | 5 | 0.1 | 100 | 10 | .76 | .639 | .412 | .33 |
| 926-LM4040AIM350NOPB | LM4040AIM3-5.0/NOPB | SOT-23-3 | 5 | 0.1 | 20 | 10 | 1.72 | 1.46 | 1.17 | .846 |
| 926-LM4040AIZ5.0/NOPB | LM4040AIZ-5.0/NOPB | TO-92 | 5 | 0.1 | 20 | 10 | 1.72 | 1.46 | 1.17 | .846 |
| 926-LM4050AIM350NOPB | LM4050AIM3-5.0/NOPB | SOT-23-3 | 5 | 0.1 | 50 | 10 | 2.78 | 2.50 | 2.01 | 1.18 |
| 595-LM4040B50IDBZT | LM4040B50IDBZT | SOT-23-3 | 5 | 0.2 | 15 | 15 | 2.20 | 1.87 | 1.50 | 1.08 |
| 926-LM4040BIM350NOPB | LM4040BIM3-5.0/NOPB | SOT-23-3 | 5 | 0.2 | 20 | 10 | 1.19 | 1.02 | .785 | .548 |
| 926-LM4050BIM350NOPB | LM4050BIM3-5.0/NOPB | SOT-23-3 | 5 | 0.2 | 20 | 10 | 2.12 | 1.90 | 1.53 | .90 |
| 926-LM4120AIM550NOPB | LM4120AIM5-5.0/NOPB | SOT-23-5 | 5 | 0.2 | 14 | - | 1.99 | 1.78 | 1.43 | .844 |
| 595-LM4040C50IDBZR | LM4040C50IDBZR | SOT-23-3 | 5 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |
| 595-LM4040C50ILP | LM4040C50ILP | TO-92-3 | 5 | 0.5 | 15 | 15 | .90 | .773 | .593 | .414 |
| 595-LM4040C50ILPR | LM4040C50ILPR | TO-92 | 5 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |
| 595-LM4040C50QDBZR | LM4040C50QDBZR | SOT-23-3 | 5 | 0.5 | 15 | 15 | 1.14 | .98 | .753 | .525 |
| 926-LM4040CIM350NOPB | LM4040CIM3-5.0/NOPB | SOT-23-3 | 5 | 0.5 | 20 | 10 | .88 | .735 | .474 | .379 |
| 926-LM4040CIZ5.0/NOPB | LM4040CIZ-5.0/NOPB | TO-92 | 5 | 0.5 | 15 | 10 | .88 | .735 | .474 | .379 |
| 595-LM4040D50IDBZR | LM4040D50IDBZR | SOT-23-3 | 5 | 1 | 15 | 15 | .67 | .558 | .36 | .288 |
| 595-LM4040D50ILP | LM4040D50ILP | TO-92-3 | 5 | 1 | 15 | 15 | .80 | .67 | .432 | .346 |
| 595-LM4040D50QDBZR | LM4040D50QDBZR | SOT-23-3 | 5 | 1 | 15 | 15 | .88 | .756 | .581 | .405 |
| 926-LM4040DIM350NOPB | LM4040DIM3-5.0/NOPB | SOT-23-3 | 5 | 1 | 15 | 10 | .76 | .639 | .412 | .33 |
| 926-LM336BZ-5.0/NOPB | LM336BZ-5.0/NOPB | TO-92 | 5 | 1 | 20 | 10 | 1.11 | .949 | .729 | .509 |
| 926-LM336M-5.0/NOPB | LM336M-5.0/NOPB | SOIC-8 | 5 | 1 | 20 | 10 | .84 | .701 | .452 | .362 |
| 926-LM385MX/NOPB | LM385MX/NOPB | SOIC-8 | 5.3 | 2 | 150 | 10 | .82 | .682 | .44 | .352 |
| 926-LM329DZ/NOPB | LM329DZ/NOPB | TO-92 | 6.9 | 5 | 10 | 2 | .92 | .789 | .606 | .423 |
| 926-M4040AIM3100NOPB | LM4040AIM3-10.0/NOPB | SOT-23-3 | 10 | 0.1 | 100 | 10 | 1.72 | 1.46 | 1.17 | .846 |
| 595-LM4040B10IDBZT | LM4040B10IDBZT | SOT-23-3 | 10 | 0.2 | 15 | 15 | 2.20 | 1.87 | 1.50 | 1.08 |
| 595-LM4040C10IDBZR | LM4040C10IDBZR | SOT-23-3 | 10 | 0.5 | 15 | 15 | .85 | .713 | .46 | .368 |

ADJUSTABLE SHUNT VOLTAGE REFERENCES

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Texas Instruments Part No. | Package | VO Adj (V) | | Initial Accuracy @ 25°C (%) | Temp Coeff (ppm/deg°C) | | I _{out} /L _Z (Max.) (mA) | Price Each | | | |
|-----------------------|----------------------------|----------|------------|------|-----------------------------|------------------------|------|--|------------|------|------|------|
| | | | Min. | Max. | | Typ. | Max. | | 1 | 10 | 100 | 1000 |
| 595-TLV431ACDBVR | TLV431ACDBVR | SOT-23-5 | 1.24 | 6 | 1.5 | 39 | 129 | 15 | .67 | .558 | .36 | .288 |
| 595-TLV431ACDBZR | TLV431ACDBZR | SOT-23-3 | 1.24 | 6 | 1 | 39 | 129 | 80 | .73 | .614 | .396 | .317 |
| 595-TLV431AIDBVR | TLV431AIDBVR | SOT-23-5 | 1.24 | 6 | 0.5 | 39 | 129 | 15 | .67 | .558 | .36 | .288 |
| 595-TLV431AIDBZR | TLV431AIDBZR | SOT-23-3 | 1.24 | 6 | 1 | 39 | 129 | 80 | .73 | .614 | .396 | .317 |
| 595-TLV431AILP | TLV431AILP | TO-92-3 | 1.24 | 6 | 0.5 | 39 | 129 | 15 | .80 | .67 | .432 | .346 |
| 595-TLV431BCDBZT | TLV431BCDBZT | SOT-23-3 | 1.24 | 6 | 1.5 | - | - | 15 | 1.25 | 1.06 | .819 | .572 |
| 595-TLV431BIDBZR | TLV431BIDBZR | SOT-23-3 | 1.24 | 6 | 1.5 | 39 | 129 | 15 | .86 | .716 | .462 | .37 |
| 595-TLV431CDBVR | TLV431CDBVR | SOT-23-5 | 1.24 | 6 | 1 | 39 | 129 | 80 | .56 | .469 | .286 | .221 |
| 595-TLV431CDBZR | TLV431CDBZR | SOT-23-3 | 1.24 | 6 | 1.5 | 39 | 129 | 80 | .62 | .516 | .315 | .243 |
| 595-TLV431IDBZR | TLV431IDBZR | SOT-23-3 | 1.24 | 6 | 1 | 39 | 129 | 80 | .62 | .516 | .315 | .243 |
| 926-M4041CIM3ADJNOPB | LM4041CIM3-ADJ/NOPB | SOT-23-3 | 1.24 | 10 | 0.5 | 100 | 100 | 10 | .92 | .769 | .496 | .397 |
| 926-M4041DIM3ADJNOPB | LM4041DIM3-ADJ/NOPB | SOT-23-3 | 1.24 | 10 | 1 | 100 | 100 | 10 | .80 | .666 | .43 | .344 |
| 926-LM4041CIM7ADJNOPB | LM4041CIM7-ADJ/NOPB | SC-70 | 1.24 | 10 | 0.5 | 20 | 100 | 10 | .92 | .769 | .496 | .397 |
| 595-TLVH431ACDBZR | TLVH431ACDBZR | SOT-23-3 | 1.24 | 18 | 0.5 | - | - | 80 | .69 | .58 | .374 | .299 |
| 595-TLVH431AIDBZR | TLVH431AIDBZR | SOT-23-3 | 1.24 | 18 | 0.5 | - | - | 80 | .69 | .58 | .374 | .299 |
| 595-TLVH431BQDBZR | TLVH431BQDBZR | SOT-23-3 | 1.24 | 18 | 0.5 | - | - | 80 | .83 | .708 | .544 | .38 |
| 595-TLVH431BIDBZR | TLVH431BIDBZR | SOT-23-3 | 1.24 | 18 | 1 | - | - | 80 | .83 | .708 | .544 | .38 |