

# MAXIM INTEGRATED Power Management ICs



Power Management

Maxim Integrated

RoHS Compliant This product is RoHS compliant.



## LINEAR REGULATORS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.      | Maxim Integrated Part No. | Package   | Regulators | VIN (V) (Min./Max.) | Preset VOUT (V)  | Adj. VOUT (V)(Min./Max.) | VDROPOUT @ Rated ILOAD (mA) | ICC (Max.) (µA) | Watchdog | Price Each |      |      |
|-----------------------|---------------------------|-----------|------------|---------------------|------------------|--------------------------|-----------------------------|-----------------|----------|------------|------|------|
|                       |                           |           |            |                     |                  |                          |                             |                 |          | 1          | 25   | 100  |
| ◆ 700-MAX16910CASA8/V | MAX16910CASA8/V+          | SO-8      | 1          | 3.5/45              | 3.3, 5           | 1.5/11                   | 0.28                        | 30              | No       | 2.14       | 1.09 | 1.00 |
| ◆ 700-MAX16910CASA9/V | MAX16910CASA9/V+          | SO-8      | 1          | 3.5/45              | 3.3, 5           | 1.5/11                   | 0.28                        | 30              | No       | 1.37       | 1.09 | 1.00 |
| ◆ 700-MAX6765TFLD2T   | MAX6765TFLD2+T            | TDFN-EP-6 | 1          | 4/72                | 1.8, 2.5, 3.3, 5 | 4/27                     | 0.62                        | 45              | No       | 4.88       | 3.68 | 3.22 |
| ◆ 700-MAX6769TALD2T   | MAX6769TALD2+T            | TDFN-EP-8 | 1          | 4/72                | 1.8, 2.5, 3.3, 5 | 1.8/1.1                  | 0.62                        | 45              | No       | 5.02       | 3.79 | 3.31 |
| ◆ 700-MAX6773TATD2T   | MAX6773TATD2+T            | TDFN-EP-8 | 1          | 4/72                | 1.8, 2.5, 3.3, 5 | 1.8/1.1                  | 0.62                        | 50              | Yes      | 4.88       | 3.68 | 3.22 |
| ◆ 700-MAX5023LASA     | MAX5023LASA+              | SO-8      | 1          | 6.5/65              | 3.3, 5           | -                        | 0.9                         | 140             | Yes      | 3.72       | 1.83 | 1.69 |
| ◆ 700-MAX5024TASA     | MAX5024TASA+              | SO-8      | 1          | 6.5/65              | 3.3, 5           | 2.5/11                   | 0.9                         | 140             | No       | 3.29       | 1.67 | 1.53 |

## SERIES VOLTAGE REFERENCES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.     | Maxim Integrated Part No. | Package  | VOUT (V) | Initial Accuracy @ +25°C (%) | Temp. Coeff. (ppm/°C) (Max.) | VSUPPLY (V) (Max.) | ISUPPLY (µA) (Max.) | Noise 0.1Hz to 10Hz (Typ.) (VPP) | Operating Temp. (°C) | Price Each |       |      |
|----------------------|---------------------------|----------|----------|------------------------------|------------------------------|--------------------|---------------------|----------------------------------|----------------------|------------|-------|------|
|                      |                           |          |          |                              |                              |                    |                     |                                  |                      | 1          | 25    | 100  |
| ◆ 700-MAX6120EURT    | MAX6120EUR+T              | SOT-23-3 | 1.2      | 1                            | 100                          | 2.4/11             | 70                  | 10                               | -40 to +85           | 1.89       | 1.42  | 1.24 |
| ◆ 700-MAX6520EURT    | MAX6520EUR+T              | SOT-23-3 | 1.2      | 1                            | 50                           | 2.4/11             | 70                  | 10                               | -40 to +85           | 2.27       | 1.68  | 1.22 |
| ◆ 700-MAX6190AESA    | MAX6190AESA+              | SOIC-8   | 1.25     | 0.16                         | 5                            | 2.5/12.6           | 35                  | 25                               | -40 to +85           | 6.20       | 3.14  | 2.89 |
| ◆ 700-MAX6061AEURT   | MAX6061AEUR+T             | SOT-23-3 | 1.25     | 0.4                          | 20                           | 2.5/12.6           | 125                 | 13                               | -40 to +85           | 4.20       | 3.17  | 2.77 |
| ◆ 700-MAX6101EURT    | MAX6101EUR+T              | SOT-23-3 | 1.25     | 0.4                          | 75                           | 2.5/12.6           | 125                 | 13                               | -40 to +85           | .78        | .591  | .517 |
| ◆ 700-MAX6018AEUR12T | MAX6018AEUR12+T           | SOT-3    | 1.263    | 0.2                          | 50                           | 5                  | 5                   | 40                               | -40 to +85           | 2.38       | 1.79  | 1.57 |
| ◆ 700-MAX6126AASA21  | MAX6126AASA21+            | SOIC-8   | 2.048    | 0.02                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 6.60       | 6.23  | 6.18 |
| ◆ 700-MAX6126A21     | MAX6126A21+               | µMAX-8   | 2.048    | 0.06                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 5.45       | 5.13  | 5.09 |
| ◆ 700-MAX6126BASA21  | MAX6126BASA21+            | SOIC-8   | 2.048    | 0.06                         | 5                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 4.53       | 4.27  | 4.23 |
| ◆ 700-MAX6162AESA    | MAX6162AESA+              | SOIC-8   | 2.048    | 0.1                          | 5                            | 2.5/12.6           | 120                 | 22                               | -40 to +85           | 4.15       | 3.16  | 2.81 |
| ◆ 700-MAX6191AESA    | MAX6191AESA+              | SOIC-8   | 2.048    | 0.1                          | 5                            | 2.5/12.6           | 35                  | 40                               | -40 to +85           | 4.50       | 3.14  | 2.79 |
| ◆ 700-MAX6191BESA    | MAX6191BESA+              | SOIC-8   | 2.048    | 0.244                        | 10                           | 2.5/12.6           | 35                  | 40                               | -40 to +85           | 3.59       | 2.51  | 2.22 |
| ◆ 700-MAX6018AEUR21T | MAX6018AEUR21+T           | SOT-3    | 2.048    | 0.4                          | 50                           | 5.5                | 5                   | 40                               | -40 to +85           | 2.33       | 1.54  | 1.41 |
| ◆ 700-MAX6018BEUR21T | MAX6018BEUR21+T           | SOT-23-3 | 2.048    | 0.4                          | 50                           | 1.8/5.5            | 5                   | 40                               | -40 to +85           | 2.03       | 1.53  | 1.33 |
| ◆ 700-MAX6106EURT    | MAX6106EUR+T              | SOT-23-3 | 2.048    | 0.4                          | 75                           | 2.5/12.6           | 125                 | 22                               | -40 to +85           | .78        | .591  | .517 |
| ◆ 700-MAX6126AASA25  | MAX6126AASA25+            | SOIC-8   | 2.5      | 0.02                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 6.60       | 6.23  | 6.18 |
| ◆ 700-MAX6133AASA25  | MAX6133AASA25+            | SOIC-8   | 2.5      | 0.04                         | 5                            | 2.7/12.6           | 60                  | 16                               | -40 to +125          | 7.16       | 6.42  | 6.42 |
| ◆ 700-MAX6325CSA     | MAX6325CSA+               | SOIC-8   | 2.5      | 0.04                         | 1                            | 8/36               | 3000                | 1.5                              | 0 to +70             | 19.14      | 9.71  | 8.93 |
| ◆ 700-MAX6325ESA     | MAX6325ESA+               | SOIC-8   | 2.5      | 0.04                         | 1                            | 8/36               | 3000                | 1.5                              | -40 to +85           | 21.26      | 10.78 | 9.92 |
| ◆ 700-MAX6126A25     | MAX6126A25+               | µMAX-8   | 2.5      | 0.06                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 5.45       | 5.13  | 5.09 |
| ◆ 700-MAX6126BASA25  | MAX6126BASA25+            | SOIC-8   | 2.5      | 0.06                         | 5                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 4.53       | 4.27  | 4.23 |
| ◆ 700-MAX6133A25     | MAX6133A25+               | µMAX-8   | 2.5      | 0.06                         | 5                            | 2.7/12.6           | 60                  | 16                               | -40 to +125          | 5.81       | 5.22  | 5.22 |
| ◆ 700-MAX6173AASA    | MAX6173AASA+              | SOIC-8   | 2.5      | 0.06                         | 3                            | 4.5/40             | 600                 | 4                                | -40 to +125          | 6.64       | 5.94  | 5.94 |
| ◆ 700-MAX6173BASA    | MAX6173BASA+              | SOIC-8   | 2.5      | 0.06                         | 10                           | 4.5/40             | 600                 | 4                                | -40 to +125          | 4.35       | 3.90  | 3.90 |
| ◆ 700-MAX873AESA     | MAX873AESA+               | SOIC-8   | 2.5      | 0.06                         | 7                            | 4.5/18             | 280                 | 16                               | -40 to +85           | 13.38      | 9.70  | 8.61 |
| ◆ 700-MAX6192AESA    | MAX6192AESA+              | SOIC-8   | 2.5      | 0.08                         | 5                            | 2.7/12.6           | 35                  | 60                               | -40 to +85           | 6.20       | 3.14  | 2.89 |
| ◆ 700-MAX6126B25     | MAX6126B25+               | µMAX-8   | 2.5      | 0.1                          | 7                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 4.76       | 4.49  | 4.45 |
| ◆ 700-MAX6166AESA    | MAX6166AESA+              | SOIC-8   | 2.5      | 0.1                          | 5                            | 2.7/12.6           | 120                 | 27                               | -40 to +85           | 4.50       | 3.43  | 3.05 |
| ◆ 700-MAX6220ASA-2.5 | MAX6220ASA-2.5+           | SOIC-8   | 2.5      | 0.1                          | 20                           | 8/40               | 3300                | 1.5                              | -40 to +125          | 2.70       | 2.02  | 1.86 |
| ◆ 700-MAX873BESA     | MAX873BESA+               | SOIC-8   | 2.5      | 0.1                          | 20                           | 4.5/18             | 280                 | 16                               | -40 to +85           | 7.36       | 5.33  | 4.73 |
| ◆ 700-MAX6225BCSA    | MAX6225BCSA+              | SOIC-8   | 2.5      | 0.12                         | 5                            | 8/36               | 3000                | 2.8                              | 0 to +70             | 4.29       | 3.00  | 2.66 |
| ◆ 700-MAX6225BESA    | MAX6225BESA+              | SOIC-8   | 2.5      | 0.12                         | 5                            | 8/36               | 3000                | 2.8                              | -40 to +85           | 4.54       | 3.16  | 2.80 |
| ◆ 700-MAX6029ESA25   | MAX6029ESA25+             | SOIC-8   | 2.5      | 0.15                         | 30                           | 2.7/12.6           | 5                   | 3.8                              | -40 to +85           | 2.89       | 2.49  | 2.31 |
| ◆ 700-MAX6034AEXR25T | MAX6034AEXR25+T           | SC-70-3  | 2.5      | 0.2                          | 30                           | 2.7/5.5            | 115                 | 45                               | -40 to +85           | 3.21       | 2.41  | 2.11 |
| ◆ 700-MAX6035AAUR25T | MAX6035AAUR25+T           | SOT-23-3 | 2.5      | 0.2                          | 25                           | 4.4/33             | 95                  | 21                               | -40 to +125          | 2.49       | 1.87  | 1.64 |
| ◆ 700-MAX6037AAUK25T | MAX6037AAUK25+T           | SOT-23-5 | 2.5      | 0.2                          | 25                           | 2.5/5.5            | 280                 | 11                               | -40 to +125          | 3.11       | 2.34  | 2.05 |
| ◆ 700-MAX6166BESA    | MAX6166BESA+              | SOIC-8   | 2.5      | 0.2                          | 10                           | 2.7/12.6           | 120                 | 27                               | -40 to +85           | 3.33       | 2.53  | 2.25 |
| ◆ 700-MAX6192BESA    | MAX6192BESA+              | SOIC-8   | 2.5      | 0.2                          | 10                           | 2.7/12.6           | 35                  | 60                               | -40 to +85           | 3.59       | 2.51  | 2.22 |
| ◆ 700-MAX6034BEXR25T | MAX6034BEXR25+T           | SC-70-3  | 2.5      | 0.4                          | 75                           | 2.7/5.5            | 115                 | 45                               | -40 to +85           | 1.26       | .94   | .83  |
| ◆ 700-MAX6102EURT    | MAX6102EUR+T              | SOT-23-3 | 2.5      | 0.4                          | 75                           | 2.7/12.6           | 125                 | 27                               | -40 to +85           | .78        | .591  | .517 |
| ◆ 700-MAX6192CESA    | MAX6192CESA+              | SOIC-8   | 2.5      | 0.4                          | 25                           | 2.7/12.6           | 35                  | 60                               | -40 to +85           | 2.61       | 1.83  | 1.62 |
| ◆ 700-MAX6035BAUR25T | MAX6035BAUR25+T           | SOT-23-3 | 2.5      | 0.5                          | 65                           | 4.4/33             | 95                  | 21                               | -40 to +125          | 1.54       | 1.16  | 1.01 |
| ◆ 700-MAX6002EURT    | MAX6002EUR+T              | SOT-23-3 | 2.5      | 1                            | 100                          | 2.7/12.6           | 45                  | 60                               | -40 to +85           | .93        | .70   | .60  |
| ◆ 700-MAX6125ESA     | MAX6125ESA+               | SO-8     | 2.5      | 1                            | 50                           | 12.6               | 130                 | 15                               | -40 to +85           | 2.11       | 1.59  | 1.40 |
| ◆ 700-MAX6125EURT    | MAX6125EUR+T              | SOT-23-3 | 2.5      | 1                            | 50                           | 2.7/12.6           | 130                 | 15                               | -40 to +85           | 2.79       | 2.24  | 1.87 |
| ◆ 700-MAX6126AASA30  | MAX6126AASA30+            | SOIC-8   | 3        | 0.02                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 5.49       | 5.18  | 5.14 |
| ◆ 700-MAX6133A30     | MAX6133A30+               | µMAX-8   | 3        | 0.06                         | 5                            | 2.7/12.6           | 60                  | 16                               | -40 to +125          | 4.89       | 4.40  | 4.40 |
| ◆ 700-MAX6163AESA    | MAX6163AESA+              | SOIC-8   | 3        | 0.07                         | 5                            | 3.2/12.6           | 120                 | 22                               | -40 to +85           | 4.15       | 3.16  | 2.81 |
| ◆ 700-MAX6126B30     | MAX6126B30+               | µMAX-8   | 3        | 0.1                          | 7                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 4.76       | 4.49  | 4.45 |
| ◆ 700-MAX6063AEURT   | MAX6063AEUR+T             | SOT-23-3 | 3        | 0.2                          | 20                           | 3.2/12.6           | 125                 | 27                               | -40 to +85           | 4.16       | 3.14  | 2.74 |
| ◆ 700-MAX6034BEXR30T | MAX6034BEXR30+T           | SC-70-3  | 3        | 0.4                          | 75                           | 2.7/5.5            | 115                 | 45                               | -40 to +85           | 1.29       | .97   | .85  |
| ◆ 700-MAX6103EURT    | MAX6103EUR+T              | SOT-23-3 | 3        | 0.4                          | 75                           | 3.2/12.6           | 125                 | 35                               | -40 to +85           | .78        | .591  | .517 |
| ◆ 700-MAX6003EURT    | MAX6003EUR+T              | SOT-23-3 | 3        | 1                            | 100                          | 3.2/12.6           | 45                  | 75                               | -40 to +85           | .93        | .70   | .60  |
| ◆ 700-MAX6143AASA33  | MAX6143AASA33+            | SOIC-8   | 3.3      | 0.05                         | 3                            | 4.5/40             | 600                 | 4                                | -40 to +125          | 4.97       | 4.44  | 4.44 |
| ◆ 700-MAX6126AASA41  | MAX6126AASA41+            | SOIC-8   | 4.096    | 0.02                         | 3                            | 2.7/12.6           | 550                 | 1.35                             | -40 to +125          | 6.60       | 6.23  | 6.18 |
| ◆ 700-MAX6241ACSA    | MAX6241ACSA+              | SOIC-8   | 4.096    | 0.02                         | 2                            | 8/36               | 3200                | 2.4                              | 0 to +70             | 8.46       | 5.91  | 5.24 |
| ◆ 700-MAX6241AESA    | MAX6241AESA+              | SOIC-8   | 4.096    | 0.02                         | 2                            | 8/36               | 3200                | 2.4                              | -40 to +85           | 14.77      | 7.49  | 6.89 |
| ◆ 700-MAX6341CSA     | MAX6341CSA+               | SOIC-8   | 4.096    | 0.02                         | 1                            | 8/36               | 3200                | 2.4                              | 0 to +70             | 12.77      | 9.71  | 8.62 |
| ◆ 700-MAX6164AESA    | MAX6164AESA+              | SOIC-8   | 4.096    | 0.05                         | 5                            | 4.3/12.6           | 120                 | 50                               | -40 to +85           | 4.50       | 3.43  | 3.05 |
| ◆ 700-MAX6198AESA    | MAX6198AESA+              | SOIC-8   | 4.096    | 0.05                         | 5                            | 4.3/12.6           | 35                  | 100                              | -40 to +85           | 4.50       | 3.14  | 2.79 |
| ◆ 700-MAX6126BASA41  | MAX6126BASA41+            | SO-8     | 4.096    | 0.06                         | 5                            | 12.6               | 550                 | 1                                | -40 to +125          | 4.53       | 4.27  | 4.23 |
| ◆ 700-MAX6133A41     | MAX6133A41+               | µMAX-8   | 4.096    | 0.06                         | 5                            | 2.7/12.6           | 60                  | 16                               | -40 to +125          | 4.89       | 4.40  | 4.40 |
| ◆ 700-MAX6241BCSA    | MAX6241BCSA+              | SOIC-8   | 4.096    | 0.1                          | 5                            | 8/36               | 3200                | 2.4                              | 0 to +70             | 4.29       | 3.28  | 2.90 |
| ◆ 700-MAX6241BEPA    | MAX6241BEPA+              | PDIP-8   | 4.096    | 0.1                          | 5                            | 8/36               | 3200                | 2.4                              | -40 to +85           | 4.54       | 3.92  | 3.06 |
| ◆ 700-MAX6241BESA    | MAX6241BESA+              | SOIC-8   | 4.096    | 0.1                          | 5                            | 8/36               | 3200                | 2.4                              | -40 to +85           | 3.98       | 3.02  | 2.68 |
| ◆ 700-MAX6164BESA    | MAX6164BESA+              | SOIC-8   | 4.096    | 0.12                         | 10                           | 4.3/12.6           | 120                 | 50                               | -40 to +85           | 3.33       | 2.53  | 2.25 |
| ◆ 700-MAX6029ESA41   | MAX6029ESA41+             | SOIC-8   | 4.096    | 0.15                         | 30                           | 2.7/12.6           | 5                   | 30                               | -40 to +85           | 2.37       | 2.04  | 1.90 |
| ◆ 700-MAX6041AEURT   | MAX6041AEUR+T             | SOT-23-3 | 4.096    | 0.2                          | 20                           | 4.3/12.6           | 35                  | 100                              | -40 to +85           | 4.16       | 3.08  | 2.23 |
| ◆ 700-MAX6104EURT    | MAX6104EUR+T              | SOT-23-3 |          |                              |                              |                    |                     |                                  |                      |            |       |      |