

## VOLTAGE REGULATORS CROSS REFERENCE: LINEAR TECH. VS ST

| Description                | T <sub>j</sub> (°C) | I <sub>out</sub> (A) | Tol (%) | Package | LINEAR TECHNOL. | ST           |
|----------------------------|---------------------|----------------------|---------|---------|-----------------|--------------|
| 2.5V LOW DROP              | 0 to 125            | 0.8                  | 1       | DPAK    |                 | LD1117DT25   |
| 2.5V LOW DROP              | 0 to 125            | 0.8                  | 2       | DPAK    |                 | LD1117DT25C  |
| 2.85V LOW DROP             | 0 to 125            | 0.8                  | 1       | DPAK    | LT1117CM-2.85   | LD1117DT285  |
| 2.85V LOW DROP             | 0 to 125            | 0.8                  | 2       | DPAK    | LT1117CM-2.85   | LD1117DT285C |
| 3V LOW DROP                | 0 to 125            | 0.8                  | 1       | DPAK    |                 | LD1117DT30   |
| 3V LOW DROP                | 0 to 125            | 0.8                  | 2       | DPAK    |                 | LD1117DT30C  |
| 3.3V LOW DROP              | 0 to 125            | 0.8                  | 1       | DPAK    | LT1117CM-3.3    | LD1117DT33   |
| 3.3V LOW DROP              | 0 to 125            | 0.8                  | 2       | DPAK    | LT1117CM3.3     | LD1117DT33C  |
| 5V LOW DROP                | 0 to 125            | 0.8                  | 1       | DPAK    | LT1117CM-5      | LD1117DT50   |
| 5V LOW DROP                | 0 to 125            | 0.8                  | 2       | DPAK    | LT1117CM-5      | LD1117DT50C  |
| 2.5V LOW DROP              | 0 to 125            | 0.8                  | 1       | TO-220  |                 | LD1117V25    |
| 2.5V LOW DROP              | 0 to 125            | 0.8                  | 2       | TO-220  |                 | LD1117V25C   |
| 2.85V LOW DROP             | 0 to 125            | 0.8                  | 1       | TO-220  |                 | LD1117V285   |
| 2.85V LOW DROP             | 0 to 125            | 0.8                  | 2       | TO-220  |                 | LD1117V285C  |
| 3V LOW DROP                | 0 to 125            | 0.8                  | 1       | TO-220  |                 | LD1117V30    |
| 3V LOW DROP                | 0 to 125            | 0.8                  | 2       | TO-220  |                 | LD1117V30C   |
| 3.3V LOW DROP              | 0 to 125            | 0.8                  | 1       | TO-220  |                 | LD1117V33    |
| 3.3V LOW DROP              | 0 to 125            | 0.8                  | 2       | TO-220  |                 | LD1117V33C   |
| 5V LOW DROP                | 0 to 125            | 0.8                  | 1       | TO-220  |                 | LD1117V50    |
| 5V LOW DROP                | 0 to 125            | 0.8                  | 2       | TO-220  |                 | LD1117V50C   |
| 2.5V LOW DROP / LOW QUIE.  | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D25     |
| 3V LOW DROP / LOW QUIE.    | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D30     |
| 3.3V LOW DROP / LOW QUIE.  | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D33     |
| 4V LOW DROP / LOW QUIE.    | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D40     |
| 4.75V LOW DROP / LOW QUIE. | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D47     |
| 4.85V LOW DROP / LOW QUIE. | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D48     |
| 5V LOW DROP / LOW QUIE.    | -40 to 125          | 0.1                  | 3       | SO-8    |                 | LK115D50     |
| 1.2V-37V ADJ.              | -55 to 150          | 0.5                  | 4       | TO-39   | LM117H          | LM117H       |
| 1.2V-37V ADJ.              | -55 to 150          | 1.5                  | 4       | TO-3    | LM117K          | LM117K       |
| FIXED 5V                   | -55 to 150          | 3.0                  | 4       | TO-3    | LM123K          | LM123K       |
| 1.2V-37V ADJ. NEG.         | -55 to 150          | 1.5                  | 4       | TO-39   | LM137H          | LM137H       |
| 1.2V-37V ADJ. NEG.         | -55 to 150          | 1.5                  | 4       | TO-3    | LM137K          | LM137K       |
| 1.2V-32V ADJ.              | -55 to 150          | 5.0                  | 4       | TO-3    | LM138K          | LM138K       |
| 1.2V-32V ADJ.              | -55 to 150          | 3.0                  | 4       | TO-3    | LM150K          | LM150K       |
| 1.2V-37V ADJ.              | -25 to 150          | 0.5                  | 4       | TO-39   |                 | LM217H       |
| 1.2V-37V ADJ.              | -25 to 150          | 1.5                  | 4       | TO-3    |                 | LM217K       |
| 1.2V-37V ADJ.              | -25 to 150          | 0.1                  | 4       | SO-8    |                 | LM217LD      |
| 1.2V-37V ADJ.              | -25 to 150          | 0.1                  | 4       | TO-92   |                 | LM217LZ      |
| 1.2V-37V ADJ.              | -25 to 150          | 1.5                  | 4       | TO-220  |                 | LM217T       |
| FIXED 5V                   | -25 to 150          | 3.0                  | 4       | TO-3    |                 | LM223K       |
| 1.2V-37V ADJ.NEG.          | -25 to 150          | 0.5                  | 4       | TO-39   |                 | LM237H       |
| 1.2V-37V ADJ.NEG.          | -25 to 150          | 1.5                  | 4       | TO-3    |                 | LM237K       |
| 1.2V-37V ADJ.NEG.          | -25 to 150          | 1.5                  | 4       | TO-220  |                 | LM237SP      |
| 1.2V-32V ADJ               | -25 to 150          | 5.0                  | 4       | TO-3    |                 | LM238K       |

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|-------------------|---------------------|----------------------|---------|----------------|-------------------|----------|
| 1.2V-32V ADJ      | -25 to 150          | 3.0                  | 4       | TO-3           |                   | LM250K   |
| 1.2V-37V ADJ      | 0 to 125            | 0.5                  | 4       | TO-39          | LM317H            | LM317H   |
| 1.2V-37V ADJ      | 0 to 125            | 1.5                  | 4       | TO-3           | LM317K            | LM317K   |
| 1.2V-37V ADJ      | 0 to 125            | 0.1                  | 4       | SO-8           |                   | LM317LD  |
| 1.2V-37V ADJ      | 0 to 125            | 0.1                  | 4       | TO-92          |                   | LM317LZ  |
| 1.2V-37V ADJ      | 0 to 125            | 0.5                  | 4       | DPAK           |                   | LM317MDT |
| 1.2V-37V ADJ      | 0 to 125            | 0.5                  | 4       | TO-220         |                   | LM317MT  |
| 1.2V-37V ADJ      | 0 to 125            | 1.5                  | 4       | TO-220         | LM317T            | LM317T   |
| FIXED 5V          | 0 to 125            | 0.5                  | 4       | TO-92          |                   | LM323H   |
| FIXED 5V          | 0 to 125            | 3.0                  | 4       | TO-3           | LM323K            | LM323K   |
| FIXED 5V          | 0 to 125            | 1.5                  | 4       | TO-220         | LM323T            | LM323T   |
| 1.2V-37V ADJ.NEG. | 0 to 125            | 1.5                  | 4       | TO-39          | LM337H            | LM337H   |
| 1.2V-37V ADJ.NEG. | 0 to 125            | 1.5                  | 4       | TO-3           | LM337K            | LM337K   |
| 1.2V-37V ADJ.NEG. | 0 to 125            | 1.5                  | 4       | TO-220         | LM337T            | LM337SP  |
| 1.2V-32V ADJ.     | 0 to 125            | 5.0                  | 4       | TO-3           | LM338K            | LM338K   |
| 1.2V-32V ADJ.     | 0 to 150            | 3.0                  | 4       | TO-3           | LM350K            | LM350K   |
| 3-37V ADJ.        | 0 to 125            | 3.0                  | 4       | SO-14          |                   | LM723ACD |
| 3-37V ADJ.        | 0 to 125            | 0.15                 | 4       | SO-14          |                   | LM723CD  |
| 3-37V ADJ.        | 0 to 125            | 0.15                 | 4       | TO-100         |                   | LM723CH  |
| 3-37V ADJ.        | 0 to 125            | 0.15                 | 4       | Plastic DIL 14 |                   | LM723CN  |
| 3-37V ADJ.        | -25 to 150          | 0.15                 | 4       | TO-100         |                   | LM723H   |