

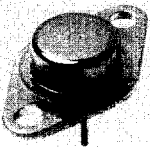
# Power Management Division cross reference - linear products

The following table provides a summary of Semelab part numbers against those of other manufacturers to assist in selecting replacement or comparable parts. However, the list is by no means exhaustive, and we ask that you contact Semelab or your agent for further information.

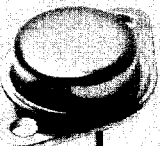
| Semelab Standard | Linear Tech | Motorola | National | SGS      | Silicon General | Sony        | TI       | Unitrade | Micro       |
|------------------|-------------|----------|----------|----------|-----------------|-------------|----------|----------|-------------|
| IP117            | IP117A      | LT117    | LM117    | LM117    | LM117           | SG117       |          | LM117    | UC117       |
| IP120.12         | IP120A.12   |          |          | LM120.12 |                 | SG120.12    |          | LM120.12 |             |
| IP120.15         | IP120A.15   |          |          | LM120.15 |                 | SG120.15    |          | LM120.15 |             |
| IP123            | IP123A      | LT123A   | LM123    | LM123    |                 | SG123/153.5 |          | SN55123  |             |
| IP123.12         | IP123A.12   |          | MC78T12  |          |                 | SG153.12    |          |          |             |
| IP123.15         | IP123A.15   |          | MC78T15  |          |                 | SG153.15    |          |          |             |
| IP137HV          | IP137AHV    | LT137AHV |          | LM137HV  |                 |             |          |          | LM137 UC137 |
| IP137            | IP137A      | LT137A   | LM137    | LM137    |                 |             |          |          |             |
| IP138            | IP138A      | LT138A   |          | LM138    |                 | SG138       |          |          |             |
| IP140.12         | IP140A.12   |          |          | LM140.12 |                 | SG140.12    |          | LM140.12 |             |
| IP140.15         | IP140A.15   |          |          | LM140.15 |                 | SG140.15    |          | LM140.15 |             |
| IP150            | IP150A      | LT150A   | LM150    | LM150    |                 | SG150       |          |          | UC150       |
| IP150.12         | IP150A.12   |          |          | LM150.12 |                 |             |          |          |             |
| IP150.15         | IP150A.15   |          |          | LM150.15 |                 |             |          |          |             |
| IP317HV          | IP317AHV    | LT317AHV |          | LM317HV  |                 |             |          |          |             |
| IP317            | IP317A      | LT317A   | LM317    | LM317    |                 |             |          |          |             |
| IP338            | IP338A      | LT338A   |          | LM338    |                 | SG338       |          |          |             |
| IP338.12         | IP338A.12   |          |          | LM338.12 |                 |             |          |          |             |
| IP338.15         | IP338A.15   |          |          | LM338.15 |                 |             |          |          |             |
| IP5560           |             |          |          |          |                 |             | ULS8160  |          |             |
| IP5560C          |             |          |          |          |                 |             | ULS8160C |          |             |
| IP5561           |             |          |          |          |                 |             | ULS8161  |          |             |
| IP5561C          |             |          |          |          |                 |             | ULS8161C |          |             |
| IP7805           | IP7805A     |          | MC7805   | LM7805   | L7805           | SG7805      |          | uA7805   | UC7805      |
| IP7812           | IP7812A     |          | MC7812   | LM7812   | L7812           | SG7812      |          | uA7812   | UC7812      |
| IP7815           | IP7815A     |          | MC7815   | LM7815   | L7815           | SG7815      |          | uA7815   | UC7815      |
| IP7905           | IP7905A     |          | MC7905   | LM7905   | L7905           | SG7905      |          | uA7905   | UC7905      |
| IP7912           | IP7912A     |          | MC7912   | LM7912   | L7912           | SG7912      |          | uA7912   | UC7912      |
| IP7915           | IP7915A     |          | MC7915   | LM7915   | L7915           | SG7915      |          | uA7915   | UC7915      |



TO39 (H)



TO66 (R)



TO3 (K)

### Low drop-out voltage regulators

| Output (A) | Output Voltage | Typ Dropout | Vin Max | Military   | Commercial Packages |                    |
|------------|----------------|-------------|---------|------------|---------------------|--------------------|
| 1.5A       | 3.3            | 1.3V        | 30V     | IP1085M-XX | IP1085C-XX          | TO3<br>TO220       |
|            | 5              |             |         |            |                     |                    |
|            | Adj            |             |         |            |                     |                    |
| 3A         | Adj            | 0.5V        |         | IP1070A    | IP1070A             | 4 pin TO3<br>TO220 |
|            | 5              |             |         |            |                     |                    |
| 3A         | 3.3            | 1.3V        | 35V     | IP1085M-XX | IP1085C-XX          | TO3<br>TO220       |
|            | 5              |             |         |            |                     |                    |
|            | Adj            |             |         |            |                     |                    |
| 5A         | 3.3            | 1.3V        | 35V     | IP1085M-XX | IP1084C-XX          | TO3<br>TO247       |
|            | 5              |             |         |            |                     |                    |
|            | Adj            |             |         |            |                     |                    |
| 7.5A       | 3.3            | 1.3V        | 35V     | IP1085M-XX | IP1082C-XX          | TO3<br>TO247       |
|            | 5              |             |         |            |                     |                    |
|            | Adj            |             |         |            |                     |                    |