



LA5000 SERIES	monolithic linear IC	CIRCUIT DRAWING No.2091
LOW SATURATION VOLTAGE REGULATOR		 3027A

The LA5002, 5003, 5004, 5005 are voltage regulators having a small input-output voltage drop (0.2V typ.). They are especially suited for use in battery-powered low voltage equipment and consumer or industrial equipment having a large voltage regulation.

Features

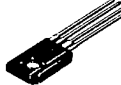
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|--|---|--------|--------|--------|--------|----|----|----|----|
| <ul style="list-style-type: none"> ■ Small input-output voltage drop (0.2V/I_{OUT} = 30mA typ.) ■ Minimum number of external parts required ■ Highly resistant against load short | <ul style="list-style-type: none"> ■ Radio noise (radiation) control pin ■ Output voltage <table style="width:100%; border: none; margin-top: 5px;"> <tr> <td style="text-align: center;">LA5002</td> <td style="text-align: center;">LA5003</td> <td style="text-align: center;">LA5004</td> <td style="text-align: center;">LA5005</td> </tr> <tr> <td style="text-align: center;">2V</td> <td style="text-align: center;">3V</td> <td style="text-align: center;">4V</td> <td style="text-align: center;">5V</td> </tr> </table> | LA5002 | LA5003 | LA5004 | LA5005 | 2V | 3V | 4V | 5V |
| LA5002 | LA5003 | LA5004 | LA5005 | | | | | | |
| 2V | 3V | 4V | 5V | | | | | | |

LA5000M SERIES	monolithic linear IC	CIRCUIT DRAWING No.2092
LOW SATURATION VOLTAGE REGULATOR		 3032B

The LA5002M, 5003M, 5004M, 5005M are voltage regulators having a small input-output voltage drop (0.2V typ.). They are especially suited for use in battery-powered low voltage equipment and consumer or industrial equipment having large voltage regulation.

Features


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|--|---|---------|---------|---------|---------|----|----|----|----|
| <ul style="list-style-type: none"> ■ Small input-output voltage drop (0.2V/I_{OUT} = 20mA typ.) ■ Minimum number of external parts required ■ Highly resistant against load short | <ul style="list-style-type: none"> ■ Radio noise (radiation) control pin ■ Output voltage <table style="width:100%; border: none; margin-top: 5px;"> <tr> <td style="text-align: center;">LA5002M</td> <td style="text-align: center;">LA5003M</td> <td style="text-align: center;">LA5004M</td> <td style="text-align: center;">LA5005M</td> </tr> <tr> <td style="text-align: center;">2V</td> <td style="text-align: center;">3V</td> <td style="text-align: center;">4V</td> <td style="text-align: center;">5V</td> </tr> </table> | LA5002M | LA5003M | LA5004M | LA5005M | 2V | 3V | 4V | 5V |
| LA5002M | LA5003M | LA5004M | LA5005M | | | | | | |
| 2V | 3V | 4V | 5V | | | | | | |

LA5006 SERIES	monolithic linear IC	CIRCUIT DRAWING No.2093
LOW SATURATION VOLTAGE REGULATOR		 3027A

The LA5006/5008/5009/5010 are voltage regulators having a small input-output voltage drop (0.2V typ.). They are especially suited for use in battery-powered low-voltage equipment and consumer/industrial equipment having a high voltage regulation.

Features

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|--|---|--------|--------|--------|--------|----|----|----|-----|
| <ul style="list-style-type: none"> ■ Small input-output voltage drop (0.2V/I_{OUT} = 20mA typ.) ■ Minimum number of external parts required and miniflat package. ■ Highly resistant to load short. | <ul style="list-style-type: none"> ■ Radio noise (radiation) control pin. ■ Output voltage <table style="width:100%; border: none; margin-top: 5px;"> <tr> <td style="text-align: center;">LA5006</td> <td style="text-align: center;">LA5008</td> <td style="text-align: center;">LA5009</td> <td style="text-align: center;">LA5010</td> </tr> <tr> <td style="text-align: center;">6V</td> <td style="text-align: center;">8V</td> <td style="text-align: center;">9V</td> <td style="text-align: center;">10V</td> </tr> </table> | LA5006 | LA5008 | LA5009 | LA5010 | 6V | 8V | 9V | 10V |
| LA5006 | LA5008 | LA5009 | LA5010 | | | | | | |
| 6V | 8V | 9V | 10V | | | | | | |

LA5006M SERIES	monolithic linear IC	CIRCUIT DRAWING No.2093
LOW SATURATION VOLTAGE REGULATOR		 3032B

The LA5006M/5008M/5009M/5010M are voltage regulators having a small input-output voltage drop (0.2V typ.). They are especially suited for use in battery-powered low-voltage equipment and consumer/industrial equipment having a high voltage regulation.

Features

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|--|---|---------|---------|---------|---------|----|----|----|-----|
| <ul style="list-style-type: none"> ■ Small input-output voltage drop (0.2V/I_{OUT} = 20mA typ.) ■ Minimum number of external parts required and miniflat package. ■ Highly resistant to load short. | <ul style="list-style-type: none"> ■ Radio noise (radiation) control pin. ■ Output voltage <table style="width:100%; border: none; margin-top: 5px;"> <tr> <td style="text-align: center;">LA5006M</td> <td style="text-align: center;">LA5008M</td> <td style="text-align: center;">LA5009M</td> <td style="text-align: center;">LA5010M</td> </tr> <tr> <td style="text-align: center;">6V</td> <td style="text-align: center;">8V</td> <td style="text-align: center;">9V</td> <td style="text-align: center;">10V</td> </tr> </table> | LA5006M | LA5008M | LA5009M | LA5010M | 6V | 8V | 9V | 10V |
| LA5006M | LA5008M | LA5009M | LA5010M | | | | | | |
| 6V | 8V | 9V | 10V | | | | | | |