

INTERNATIONAL RECTIFIER Power Management ICs

International
IR Rectifier

 This product is RoHS compliant.

Power Management

International Rectifier

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

IMOTION™ MOTOR DRIVERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Operating Supply Voltage (V) | Supply Current (mA) | Power Dissipation (W) | Switching Frequency (kHz) | Output Current Max. (A) | Price Each | | | |
|--------------------|----------------------------------|---------|------------------------------|---------------------|-----------------------|---------------------------|-------------------------|------------|-------|-------|-------|
| | | | | | | | | 1 | 25 | 100 | 250 |
| 942-IRAM136-3063B | IRAM136-3063B | SIP-3 | 15 | 3.35 | 73 | 20 | 30 | 49.27 | 36.72 | 32.16 | 31.03 |
| 942-IRAMX20UP60A-2 | IRAMX20UP60A-2 | SIP-23 | 5 | 0.165 | 38 | 20 | 20 | 27.41 | 25.00 | 22.78 | 21.98 |
| 942-IRAMX16UP60B-2 | IRAMX16UP60B-2 | SIP-23 | 4 | 0.165 | 31 | 20 | 30 | 26.61 | 23.38 | 22.11 | 21.33 |
| 942-IRAMS10UP60B | IRAMS10UP60B | SIP-23 | 5 | 0.165 | 27 | 20 | 15 | 18.02 | 17.21 | 16.25 | 15.70 |
| 942-IRAMS10UP60A | IRAMS10UP60A | SIP-23 | 7 | 0.12 | 20 | 20 | 15 | 17.71 | 16.91 | 15.41 | 14.86 |

MOTOR/MOTION/IGNITION CONTROLLERS AND DRIVERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Channels | Topology | Voffset | Over Current Protection | Price Each | | | |
|-------------------|----------------------------------|----------|----------|------------------------|---------|-------------------------|------------|------|------|------|
| | | | | | | | 1 | 25 | 100 | 250 |
| 942-IR21771STRPBF | IR21771STRPBF | SOIC-16 | 1 | Current Sense | 600 | Yes | 6.93 | 4.74 | 3.42 | 3.07 |
| 942-IR21772STRPBF | IR21772STRPBF | SOIC-16 | 1 | Current Sense | 600 | Yes | 6.30 | 3.87 | 3.21 | 3.07 |
| 942-IR22771STRPBF | IR22771STRPBF | SOIC-16 | 1 | Current Sense | 1200 | Yes | 9.95 | 6.81 | 5.76 | 5.54 |
| 942-IR22772STRPBF | IR22772STRPBF | SOIC-16 | 1 | Current Sense | 1200 | Yes | 9.95 | 6.43 | 6.36 | 6.30 |
| 942-IR21814STRPBF | IR21814STRPBF | SOICN-14 | 2 | High Side and Low Side | 600 | - | 4.46 | 3.04 | 2.27 | 2.17 |

PLUG AND DRIVE POWER MODULES

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Channels | Topology | Voffset | Over Current Protection | Price Each | | | |
|--------------------|----------------------------------|---------|----------|----------|---------|-------------------------|------------|-------|-------|-------|
| | | | | | | | 1 | 25 | 100 | 250 |
| 942-IRAMX16UP60A-2 | IRAMX16UP60A-2 | SIP-2 | - | Low Side | 600 | Yes | 29.24 | 24.25 | 21.23 | 20.49 |

LOW QUIESCENT CURRENT MOSFET DRIVERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Channels | Input Voltage | | Output Voltage | Topology | Price Each | | | |
|------------------|----------------------------------|---------|----------|---------------|-----------|----------------|----------|------------|----|-----|-----|
| | | | | Min. | Max. | | | 1 | 25 | 100 | 250 |
| | | | | 942-AUIR3240S | AUIR3240S | | | SOIC-8 | 1 | 4 | 36 |

POWER FACTOR CORRECTION ICs

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Switching Frequency (KHz) | VCC Range (V) | Peak Current Output (A) | Price Each | | | |
|------------------|----------------------------------|---------|---------------------------|---------------|-------------------------|------------|------|------|------|
| | | | | | | 1 | 25 | 100 | 250 |
| 942-IR1152STRPBF | IR1152STRPBF | SOIC-8 | 66 | 14-17 | 0.75 | 2.20 | 1.36 | .931 | .88 |
| 942-IR1153STRPBF | IR1153STRPBF | SOIC-8 | 22.2 | 14-17 | 0.75 | 2.03 | 1.31 | .952 | .892 |
| 942-IR1155STRPBF | IR1155STRPBF | SOIC-8 | 48 to 200 | 12-20 | 1.5 | 2.14 | 1.39 | 1.00 | .942 |

SWITCHING CONVERTERS, REGULATORS, AND CONTROLLERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Package | Input Voltage (V) | Output Voltage (V) | Output Current (A) | Switching Frequency (kHz) | Price Each | | | |
|-------------------|----------------------------------|---------|-------------------|--------------------|--------------------|---------------------------|------------|------|------|------|
| | | | | | | | 1 | 25 | 100 | 250 |
| 942-IR11662STRPBF | IR11662STRPBF | SOIC-8 | 11.4-18 | 200 | 1 | 500 | 2.77 | 1.63 | 1.30 | 1.22 |
| 942-IR11663STRPBF | IR11663STRPBF | SOIC-8 | 11.4-18 | 200 | 1 | 500 | 2.82 | 1.82 | 1.32 | 1.23 |
| 942-IR11672ASTRPF | IR11672ASTRPF | SOIC-8 | 11.4-18 | 200 | +2/-7 | 500 | 2.61 | 1.53 | 1.22 | 1.14 |
| 942-IR1167ASTRPF | IR1167ASTRPF | SOIC-8 | 11.4-18 | 200 | +2/-7 | 500 | 4.02 | 2.47 | 2.04 | 1.95 |
| 942-IR1167BSTRPBF | IR1167BSTRPBF | SOIC-8 | 11.4-18 | 200 | +2/-7 | 500 | 3.97 | 2.44 | 2.02 | 1.93 |
| 942-IR11682STRPBF | IR11682STRPBF | SOIC-8 | 8.6-18 | 200 | 1 | 400 | 3.75 | 2.30 | 1.91 | 1.82 |
| 942-IR1168STRPBF | IR1168STRPBF | SOIC-8 | 8.6-18 | 200 | 1 | 500 | 3.44 | 2.02 | 1.61 | 1.51 |

DESIGN KITS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | International Rectifier Part No. | Description | Price Each |
|--------------------|----------------------------------|--|------------|
| 942-IRPLCFL8U | IRPLCFL8U | 3 level dimming CFL ballast | 152.30 |
| 942-IRPLCFL9U | IRPLCFL9U | 3 level dimming CFL ballast | 152.32 |
| 942-IRPLDIM3 | IRPLDIM3 | Wide Range Input Linear Dimming Fluorescent Ballast | 230.77 |
| 942-IRPLDIM4E | IRPLDIM4E | Miniature Dimmable 26W Ballast | 152.30 |
| 942-IRPLDIM5E | IRPLDIM5E | Four Level Switch Dim Fluorescent Ballast | 152.30 |
| 942-IRPLHALO1E | IRPLHALO1E | Halogen Converter - Dimmable | 204.12 |
| 942-IRPLHID2 | IRPLHID2 | HID Ballast for 70W Lamp | 306.15 |
| 942-IRPLLN5E | IRPLLN5E | Universal Input Linear Fluorescent Ballast for 50W TL5 Lamp | 307.69 |
| 942-IRPLLN7 | IRPLLN7 | Universal Input Linear Fluorescent Ballast for 35W TL5 Lamp | 307.69 |
| 942-IRPLCFL3 | IRPLCFL3 | Fluorescent Ballast - can be dimmed from a domestic (phase cut) dimmer | 209.23 |
| 942-IRPLLED1 | IRPLLED1 | High-voltage DC-DC buck converter for HB-LEDs constant current control | 184.62 |
| 942-IRADK31 | IRADK31 | 1/4 HP Dc brushless motor driver using IR31xx | 361.05 |
| 942-IRAC1166-100W | IRAC1166-100W | +16V low-side smart rectification 100W flyback reference design | 409.23 |
| 942-IRAC11662-100W | IRAC11662-100W | +16V low-side smart rectification 100W flyback demo board | 192.31 |
| 942-IRDC3831W | IRDC3831W | IR3831W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3832W | IRDC3832W | IR3832W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3837 | IRDC3837 | IR3837 Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3838 | IRDC3838 | IR3838 Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3839 | IRDC3839 | IR3839 Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3840W | IRDC3840W | IR3840 Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3841W | IRDC3841W | IR3841W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3842W | IRDC3842W | IR3842W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3843W | IRDC3843W | IR3842W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3853 | IRDC3853 | IR3853 Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3856W | IRDC3856W | IR3856W Integrated point of load DC-DC voltage regulator | 93.75 |
| 942-IRDC3859 | IRDC3859 | IR3859 Integrated point of load DC-DC voltage regulator | 93.75 |