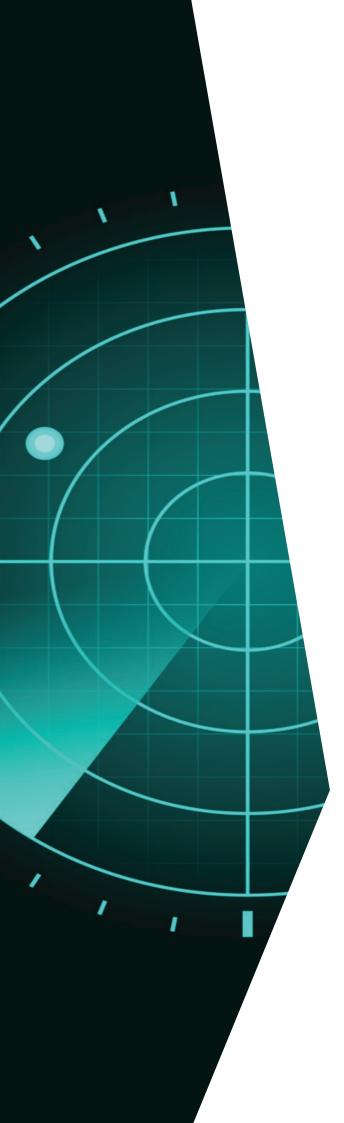


# Infineon IR HiRel defense product selection guide

Design smaller, lighter, more reliable, and long-lasting equipment with Infineon's high reliability power and memory solutions





## **DEFENSE APPLICATIONS**

# Reliable memory and power solutions

At Infineon IR HiRel, an Infineon Technologies company, we design and manufacture best-in-class MIL-PRF qualified high reliability power and memory solutions for aerospace and defense applications. For over 40 years, IR HiRel has been a trusted supplier and partner to the Department of Defense (DoD) and other government agencies, such as the National Aeronautics and Space Administration (NASA) and the Defense Advanced Research Projects Agency (DARPA). IR HiRel also maintains a longstanding relationship with defense primes in the US and Western Europe. Our leading-edge Silicon (Si), Silicon Carbine (SiC), memory, and Gallium Nitride (GaN) commercial-off-the-shelf (COTS) portfolio set us apart by offering our customers unparalleled performance, reliability, and reduced design cycles. We simplify and accelerate your design process by performing extensive product qualification testing and meticulous screening in-house, ensuring reliable and efficient solutions every time. Our products have been designed and manufactured to endure the harshest operating conditions from the deepest depths of the ocean to the far reaches of the universe. For decades, designers and engineers have chosen IR HiRel products for their performance, quality and innovation. IR HiRel stands ready to help you solve your toughest design challenges now and into the future.

# **Quality conformance testing**

Our HiRel products meet various levels of quality conformance testing to ensure their performance in harsh military applications, including:

- MIL-PRF-19500/MIL-STD-750
- MIL-PRF-38534/MIL-STD-883
- MIL-PRF-38535/MIL-STD-883



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# Glossary

# **Screening levels**

- Class H: Class H is the standard military quality level provided in MIL-PRF-38534, General Specification for Hybrid Microcircuits. It is intended for space applications.
- Level B: Class level B defines the screening requirements for high reliability military applications as specified in MIL-STD-883 and is intended for use in class H products.
- Level S: Class level S defines the screening requirements for high reliability space applications as specified in MIL-STD-883 and is intended for use in class K products.
- JAN: JAN (Joint Army Navy) is the prefix assigned by the DLA to designate devices on the DLA qualified parts list.
- JANTX: Military screening level as specified in MIL-PRF-19500 for a DLA qualified device.
- JANTXV: Military with visual inspection screening level as specified in MIL-PRF-19500 for a DLA qualified device.
- JANS: Space level screening as specified in MIL-PRF-19500 for a DLA qualified device.

# Advanced packaging simplifies design

System designers are often challenged by making a reliable attachment of surface mount hermetic power packages to PCBs. Thermal expansion mismatch of the board and power package require unique solutions for extreme environment applications. Our defense memories meet QML-Q certifications, optimizing mil-aero applications with robust performance and reliability. Our HiRel power solutions are manufactured in MIL-PRF qualified facilities, bringing ruggedized discrete MOSFETs, power ICs, and IGBTs to the defense market.

# Screening and QCI

Our customers' applications demand high reliability devices that perform to specification in the harshest environments for 15 years and longer. Mission and product assurance are key priorities. To ensure top performance and operability, our products undergo rigorous screening and quality conformance inspections (QCI).

IR HiRel, an Infineon Technologies company, performs 100% screening of all components in accordance with specified quality levels. Additional testing eliminates nonconforming parts, increasing confidence in the reliability of long-lasting, high performance specification compliance.

Our high reliability products also undergo various levels of periodic quality conformance testing. Both the US and European communities have developed specifications detailing quality conformance testing sequence.

- US DLA (Defense Logistics Agency) specifications,
   MIL-PRF-19500 and MIL-STD-750, govern the quality conformance testing sequence performed on discrete MOSFET semiconductors manufactured to JANS or JANTXV levels.
- In Europe, ESA's (European Space Agency) ESCC
   5000 is the standard for discrete semiconductors, hermetically sealed and die.

We offer rad hard power MOSFETs and diodes with the following screening and QCI levels based on DLA MIL-PRF-19500:

- DLA approved Qualified Product List (QPL) with S-level screenings to MIL-PRF-19500, sold under military part number starting with JAN branded prefix under DLA approved slash sheet. JANS is the most rigorous level of screening and acceptance requirements available to assure the performance, quality and reliability of discrete semiconductors intended for space flight applications.
- IR HiRel's Qualified IR List (QIRL) with S-level equivalent screenings to MIL-PRF-19500, manufactured and tested on the same production line with the same flow as MIL-PRF-19500 DLA approved line. QIRL part numbers have SCS suffixes.
- Source Control Drawing (SCD)
- Commercial off the shelf (COTS) with no QCI

For customers needing ESA ESCC-5000 qualified components, we offer the following quality levels:

- "P" for prototype level used in Engineering Modules (EM)
- "ES" for ESA space level, ESA satellites Flight Modules (FM)



# COTS+ customer engagement model

Infineon's high reliability and extreme environment services are designed to streamline your design process, providing efficient solutions that meet the most stringent application requirements. Our global partner network and cutting-edge technology expertise enable our customers to develop innovative products that thrive in challenging environments, from industrial automation to defense applications where reliability is paramount.

By leveraging our expertise, customers can accelerate their time to market with shorter qualification cycles, ensuring their products are ready for deployment when it matters most. Whether it's for mission-critical defense systems or industrial applications, our Field Application Engineers uniquely collaborate with customers to

meet the unique demands of each project, ensuring our customers can focus on what matters most: delivering reliable performance.

We offer a range of services to support our customers' go-to-market strategies. From data sheet markups to additional screening and bare die sales, we are committed to optimizing your efficiency. Our unique single manufacturing flow enables wafer lot traceability. Furthermore, our packaging, including hermetic options and plastic alternatives with the option for mil-temp qualification and lead-solder, allow us to meet the diverse needs of our customers. If you're interested in learning more about our high reliability and extreme environment add ons, please reach out to a local HiRel sales representative for more information.



# Leverage Infineon's product portfolio for defense applications through HiRel services

## Identification and traceability

- Single manufacturing flow
- Wafer lot traceability

## Upscreening

- 100% wafer level probe
- Increase wafer keep-out areas
- Tighter no-go criteria when running probe test patterns
- DPAT (Dynamic Part Average Test)
- AVI (Automatic Visual Inspection)
- Characterization over MIL temp-range -55°C to 125°C

### Continuity of supply/longevity program

- 100% wafer, die, or packaged device bank up to 20 years
- Redundant, U.S. based storage locations
- Controlled obsolescence

### Availability in die/wafer form

 Support die and wafer sales not offered by Infineon's commercial divisions

### Plastic or hermetic package

- Leverage HiRel's latest hermetic package technology
- Plastic with option for mil-temp qualification
- Americas-based assembly and test (hermetic packages)

Have questions? Speak to an Infineon IR HiRel Regional Sales Manager to discuss Infineon's COTS+ capabilities.

# High reliability power MOSFETs

Wide ranging portfolio of DLA and QPL qualified hermetically packaged MOSFETs manufactured on a MIL-PRF-19500 line.

# Single Channel high reliability power MOSFETs

Infineon IR HiRel offers a broad portfolio of high reliability single channel power MOSFETs. Our hermetically packaged N- and P-channel options leverage our well-known rugged MOSFET technology.

### **N-channel**

| Part Number  | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @25°C [A] | Package               | QPL Part No. | Qual |
|--------------|------------------------|---------------------------------|--------------------------|-----------------------|--------------|------|
| IRF3CMS17N80 | 800                    | 340                             | 15                       | TO-254AA<br>Low Ohmic | -            | -    |
| 2N6794       | 500                    | 3000                            | 1.5                      | TO-205AF              | 2N6794       | DLA  |
| IRFF420      | 500                    | 3000                            | 1.5                      | TO-205AF              | 2N6794       | DLA  |
| IRF430       | 500                    | 1500                            | 4.5                      | TO-204AA              | 2N6762       | DLA  |
| IRFY430CM    | 500                    | 1500                            | 4.5                      | TO-257AA              | -            | -    |
| 2N6802       | 500                    | 1500                            | 2.5                      | TO-205AF              | 2N6802       | DLA  |
| IRFE430      | 500                    | 1500                            | 2.5                      | 18-pin LCC            | 2N6802U      | DLA  |
| IRFF430      | 500                    | 1500                            | 2.5                      | TO-205AF              | 2N6802       | DLA  |
| IRF440       | 500                    | 850                             | 8                        | TO-204AA              | -            | -    |
| IRFM440      | 500                    | 850                             | 8                        | TO-254AA              | 2N7222       | DLA  |
| IRFN440      | 500                    | 850                             | 8                        | SMD-1                 | 2N7222U      | DLA  |
| IRFY440CM    | 500                    | 850                             | 7                        | TO-257AA              | -            | -    |
| IRFM450      | 500                    | 415                             | 12                       | TO-254AA              | 2N7228       | DLA  |
| IRFN450      | 500                    | 415                             | 12                       | SMD-1                 | 2N7228U      | DLA  |
| 2N6770       | 500                    | 400                             | 12                       | TO-204AA              | 2N6770       | DLA  |
| IRF450       | 500                    | 400                             | 12                       | TO-204AA              | 2N6770       | DLA  |
| IRF460       | 500                    | 270                             | 21                       | TO-204AE              | -            | -    |
| IRFM460      | 500                    | 270                             | 19                       | TO-254AA              | -            | -    |
| 2N6786       | 400                    | 3600                            | 1.25                     | TO-205AF              | 2N6786       | DLA  |
| IRFF310      | 400                    | 3600                            | 1.25                     | TO-205AF              | 2N6786       | DLA  |
| 2N6760       | 400                    | 1000                            | 5.5                      | TO-204AA              | 2N6760       | DLA  |
| IRF330       | 400                    | 1000                            | 5.5                      | TO-204AA              | 2N6760       | DLA  |
| 2N6800       | 400                    | 1000                            | 3                        | TO-205AF              | 2N6800       | DLA  |
| IRFF330      | 400                    | 1000                            | 3                        | TO-205AF              | 2N6800       | DLA  |
| IRF340       | 400                    | 550                             | 10                       | TO-204AA              | -            | -    |
| IRFN340      | 400                    | 550                             | 10                       | SMD-1                 | 2N7221U      | DLA  |
| IRFY340CM    | 400                    | 550                             | 8.7                      | TO-257AA              | -            | -    |
| IRFM350      | 400                    | 315                             | 14                       | TO-254AA              | 2N7227       | DLA  |
| IRFN350      | 400                    | 315                             | 14                       | SMD-1                 | 2N7227U      | DLA  |
| 2N6768       | 400                    | 300                             | 14                       | TO-204AE              | 2N6768       | DLA  |
| IRF350       | 400                    | 300                             | 14                       | TO-204AE              | 2N6768       | DLA  |

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| Part Number       | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @25°C [A] | Package           | QPL Part No.      | Qual   |
|-------------------|------------------------|---------------------------------|--------------------------|-------------------|-------------------|--------|
| IRF360            | 400                    | 200                             | 25                       | TO-204AE          | -                 | _      |
| IRFM360           | 400                    | 200                             | 23                       | TO-254AA          | _                 | _      |
| 2N6784            | 200                    | 1500                            | 2.25                     | TO-205AF          | 2N6784            | DLA    |
| IRFF210           | 200                    | 1500                            | 2.25                     | TO-205AF          | 2N6784            | DLA    |
| IRFY220           | 200                    | 800                             | 5                        | TO-204AA          | _                 | _      |
| IRF220            | 200                    | 800                             | 5                        | TO-204AA          | _                 | _      |
| 2N6790            | 200                    | 800                             | 3.5                      | TO-205AF          | 2N6790            | DLA    |
| IRFF220           | 200                    | 800                             | 3.5                      | TO-205AF          | 2N6790            | DLA    |
| IRF230            | 200                    | 400                             | 9                        | TO-204AA          | 2N675             | DLA    |
| 2N6798            | 200                    | 400                             | 5.5                      | TO-205AF          | 2N6798            | DLA    |
| IRFE230           | 200                    | 400                             | 5.5                      | LCC-18<br>package | 2N6798            | COTS   |
| IRFF230           | 200                    | 400                             | 5.5                      | TO-205AF          | 2N6798            | COTS   |
| IRF240            | 200                    | 180                             | 18                       | TO-204AE          | _                 | -      |
| IRFM240           | 200                    | 180                             | 18                       | TO-254AA          | 2N7219            | DLA    |
| IRFN240           | 200                    | 180                             | 18                       | SMD-1             | 2N7219U           | DLA    |
| IRFY240CM         | 200                    | 180                             | 16                       | TO-257AA          | _                 | _      |
| IRFM250           | 200                    | 100                             | 27.4                     | TO-254AA          | 2N7225            | DLA    |
| IRFN250           | 200                    | 100                             | 27.4                     | SMD-1             | 2N7225U           | DLA    |
| 2N6766            | 200                    | 85                              | 30                       | TO-204AE          | 2N6766            | DLA    |
| IRF250            | 200                    | 85                              | 30                       | TO-204AE          | 2N6766            | DLA    |
| IRFM260           | 200                    | 60                              | 35                       | TO-254AA          | _                 | _      |
| IRF5Y3315CM       | 150                    | 85                              | 18                       | TO-257AA          | _                 | _      |
| IRF5NJ3315        | 150                    | 80                              | 20                       | SMD-0.5           | _                 | _      |
| IRF5M3415         | 150                    | 49                              | 35                       | TO-254AA          | _                 | _      |
| 2N6782            | 100                    | 600                             | 3.5                      | TO-205AF          | 2N6782            | DLA    |
| IRFE110           | 100                    | 600                             | 3.5                      | 18-pin LCC        | 2N6782U           | DLA    |
| IRFF110           | 100                    | 600                             | 3.5                      | TO-205AF          | 2N6782            | DLA    |
| 2N6788            | 100                    | 300                             | 6                        | TO-205AF          | 2N6788            | DLA    |
| IRFE120           | 100                    | 300                             | 6                        | 18-pin LCC        | 2N6788U           | DLA    |
| IRFF120           | 100                    | 300                             | 6                        | TO-205AF          | 2N6788            | DLA    |
| IRF120            | 100                    | 270                             | 9.2                      | TO-203AP          | 2110700           | DLA    |
| IRFY130CM         | 100                    | 180                             |                          | TO-204AA          | _                 | _      |
| 2N6756            | 100                    | 180                             | 14.4                     | TO-237AA          | 2N6756            | DLA    |
| IRF130            | 100                    | 180                             | 14                       | TO-204AA          | 2N6756            | DLA    |
|                   |                        |                                 |                          |                   |                   |        |
| 2N6796<br>IRFE130 | 100                    | 180                             | 8                        | TO-205AF          | 2N6796<br>2N6796U | DLA    |
|                   | 100                    | 180                             | 8                        | 18-pin LCC        |                   | DLA    |
| IRFF130           |                        | 180                             |                          | TO-205AF          | 2N6796            | DLA    |
| IRFN150           | 100                    | 81                              | 34                       | SMD-1             | 2N7224U           | DLA    |
| IRF140            | 100                    | 77                              | 28                       | TO-204AE          | -<br>2N7210       | - DI A |
| IRFM140           | 100                    | 77                              | 28                       | TO-254AA          | 2N7218            | DLA    |
| IRFN140           | 100                    | 77                              | 28                       | SMD-1             | 2N7218U           | DLA    |
| IRFY140CM         | 100                    | 77                              | 16                       | TO-257AA          | -<br>2N7224       | - DI A |
| IRFM150           | 100                    | 70                              | 34                       | TO-254AA          | 2N7224            | DLA    |
| IRF5Y540CM        | 100                    | 58                              | 18                       | TO-257AA          | -                 | -      |
| IRF150            | 100                    | 55                              | 38                       | TO-204AE          | 2N6764            | DLA    |
| IRF5NJ540         | 100                    | 52                              | 22                       | SMD-0.5           | _                 | _      |
| IRF5Y3710CM       | 100                    | 35                              | 18                       | TO-257AA          | -                 | -      |
| IRF5M3710         | 100                    | 30                              | 35                       | TO-254AA          | -                 | _      |
| IRF5N3710         | 100                    | 28                              | 45                       | SMD-1             | -                 | -      |
| IRF7NA2907        | 75                     | 4.5                             | 75                       | SMD-2             |                   |        |

| Part Number | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @25°C [A] | Package  | QPL Part No. | Qual |
|-------------|------------------------|---------------------------------|--------------------------|----------|--------------|------|
| IRF7NA2907  | 75                     | 4.5                             | 75                       | SMD-2    | -            | _    |
| IRFM054     | 60                     | 27                              | 35                       | TO-254AA | _            | _    |
| IRF054      | 60                     | 22                              | 45                       | TO-204AE | -            | -    |
| IRFN054     | 60                     | 20                              | 55                       | SMD-1    | _            | _    |
| IRL5NJ024   | 55                     | 60                              | 17                       | SMD-0.5  | -            | _    |
| IRF5NJZ34   | 55                     | 40                              | 22                       | SMD-0.5  | -            | -    |
| IRF5NJZ48   | 55                     | 16                              | 22                       | SMD-0.5  | -            | -    |
| IRF7Y1405CM | 55                     | 15.3                            | 18                       | TO-257AA | _            | _    |
| IRF5M3205   | 55                     | 15                              | 35                       | TO-254AA | -            | _    |
| IRF7N1405   | 55                     | 5.3                             | 55                       | SMD-1    | -            | -    |
| IRL5NJ7413  | 30                     | 14                              | 22                       | SMD-0.5  | -            | _    |

## P-channel

| Part Number | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @25°C [A] | Package                          | QPL Part No. | Qual |
|-------------|------------------------|---------------------------------|--------------------------|----------------------------------|--------------|------|
| IRFYB9130CM | 100                    | 300                             | -11.2                    | TO-257AA<br>Tabless Low<br>Ohmic | -            | _    |
| IRFG9110    | 100                    | 140                             | -0.75                    | MO-036AB                         | 2N7335       | DLA  |
| IRL5NJ7404  | -20                    | 40                              | -11                      | SMD-0.5                          | -            | _    |
| IRF5M4905   | -55                    | 30                              | -35                      | TO-254AA                         | -            | _    |
| IRF5N4905   | -55                    | 24                              | -55                      | SMD-1                            | -            | -    |
| IRFF9110    | -100                   | 1200                            | -2.5                     | TO-205AF                         | _            | -    |
| IRFE9120    | -100                   | 600                             | -3.5                     | 18-pin LCC                       | 2N6845U      | DLA  |
| 2N6845      | -100                   | 600                             | -4                       | TO-205AF                         | 2N6845       | DLA  |
| IRFF9120    | -100                   | 600                             | -4                       | TO-205AF                         | 2N6845       | DLA  |
| 2N6849      | -100                   | 300                             | -6.5                     | TO-205AF                         | 2N6849       | DLA  |
| IRFE9130    | -100                   | 300                             | -6.5                     | 18-pin LCC                       | 2N6849U      | DLA  |
| IRFF9130    | -100                   | 300                             | -6.5                     | TO-205AF                         | 2N6849       | DLA  |
| IRFY9130CM  | -100                   | 300                             | -11                      | TO-204AA                         | 2N6804       | DLA  |
| IRFY9140CM  | -100                   | 200                             | -15.8                    | TO-257AA                         | _            | _    |
| IRF9140     | -100                   | 200                             | -18                      | TO-204AA                         | -            | _    |
| IRFM9140    | -100                   | 200                             | -18                      | TO-254AA                         | 2N7236       | DLA  |
| IRFN9140    | -100                   | 200                             | -18                      | SMD-1                            | 2N7236U      | DLA  |
| IRF5NJ9540  | -100                   | 117                             | -18                      | SMD-0.5                          | -            | _    |
| IRF5Y9540CM | -100                   | 117                             | -18                      | TO-257AA                         | -            | _    |
| IRF5M5210   | -100                   | 70                              | -34                      | TO-254AA                         | _            | _    |
| IRF5N5210   | -100                   | 60                              | -31                      | SMD-1                            | -            | -    |
| IRF5NJ6215  | -150                   | 290                             | -11                      | SMD-0.5                          | -            | _    |
| IRF9230     | -200                   | Coming Sc                       | on                       | TO-204AA                         | -            | _    |
| IRFF9210    | -200                   | 3000                            | -1.5                     | TO-205AF                         | -            | _    |
| 2N6847      | -200                   | 1500                            | -2.5                     | TO-205AF                         | 2N6847       | DLA  |
| IRFF9220    | -200                   | 1500                            | -2.5                     | TO-205AF                         | 2N6847       | DLA  |
| IRFE9230    | -200                   | 800                             | -4                       | 18-pin LCC                       | -            | -    |
| 2N6851      | -200                   | 800                             | -4                       | TO-205AF                         | 2N6851       | DLA  |
| IRFF9230    | -200                   | 800                             | -4                       | TO-205AF                         | 2N6851       | DLA  |
| IRFY9240CM  | -200                   | 510                             | -9.4                     | TO-257AA                         | -            | _    |
| IRFM9240    | -200                   | 510                             | -11                      | TO-254AA                         | 2N7237       | DLA  |
| IRFN9240    | -200                   | 510                             | -11                      | SMD-1                            | 2N7237U      | DLA  |
| IRF9240     | -200                   | 500                             | -11                      | TO-204AA                         | -            | _    |

# High reliability power MOSFETs

# **Dual Channel high reliability power MOSFETs**

Ideal for voltage control, fast switching, ease of paralleling and electrical parameter temperature stability applications, our dual channel power MOSFETs are lightweight and hermetically packaged.

### **Products**

| Part number | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @ 25°C [A] | Package  | QPL Part No. | Qual |
|-------------|------------------------|---------------------------------|---------------------------|----------|--------------|------|
| IRFG6110    | 100                    | 700                             | -0.75                     | MO-036AB | 2N7336       | DLA  |
| IRFG5110    | 100                    | 700                             | -1                        | MO-06AB  | -            | -    |

# **Quad Channel high reliability power MOSFETs**

Enabling low on-state resistance and high transconductance, supporting thermal efficiency and reducing drain capacitance.

### **Products**

| Part number | V <sub>BRDSS</sub> [V] | R <sub>DS (on)</sub> @25°C [mΩ] | I <sub>D</sub> @ 25°C [A] | Package  | QPL Part No. | Qual |
|-------------|------------------------|---------------------------------|---------------------------|----------|--------------|------|
| IRFG110     | 100                    | 700                             | 1                         | MO-036AB | 2N7334       | DLA  |

### **Statuses**

Visit <u>infineon.com/defense</u> or contact our customer services team for product statuses. All listed products are active and preferred.

# High reliability power ICs

High speed, high power MOSFET and IGBT gate drivers.

Infineon IR HiRel's high reliability power ICs are designed to excel in extreme environments. Our portfolio includes high performance, high voltage power MOSFET and IGBT drivers, featuring independent high and low side referenced output channels, perfectly complementing our robust power MOSFETs.

### **Products**

| Part Number | VS max [V] | Supply Voltage [V] | Output Voltage<br>[V] | Package    | Configuration       |
|-------------|------------|--------------------|-----------------------|------------|---------------------|
| IR2113L6    | 600        | 20                 | 10                    | M-036AB    |                     |
| IR2113L6SCB | 600        | 20                 | 10                    | M-036AB    |                     |
| IR2113E6    | 600        | 20                 | 10                    | 18-pin LCC | Hi & Lo Mos Drivers |
| IR2113E6SCB | 600        | 20                 | 10                    | 18-pin LCC | HI & LO MOS DITVEIS |
| IR2110E4SCB | 600        | 20                 | 10                    | 18-pin LCC |                     |
| IR2110L4SCB | 600        | 20                 | 10                    | M-036AB    |                     |
| IR212DSCS   | 600        | 20                 | 10                    | M-036AB    | 3PH Bridge Driver   |
| IR2110L4SCS | 600        | 20                 | 10                    | M-036AB    | Hi & Lo Mos Drivers |
| IR2110E4    | 600        | 20                 | 10                    | 18-pin LCC | HI & LO MOS DITVEIS |
| IR2130D     | 600        | 20                 | 10                    | M-036AB    | 2DU Bridge Driver   |
| IR2130DSCB  | 600        | 20                 | 10                    | M-036AB    | 3PH Bridge Driver   |
| IR2110E4SCS | 600        | 20                 | 10                    | 18-pin LCC | Hi & Lo Mos Drivers |
| IR2110L4    | 600        | 20                 | 10                    | M-036AB    | ni & lo Mos Drivers |



# Package overview

Whether surface mount or through hole, we offer a wide range of packages to suit your mission needs.

## **Surface mount**

| SMD-0.1 | SMD-0.2 | SMD-0.5   | SMD-0.5e |
|---------|---------|-----------|----------|
| 138     |         | TOR       | TOR      |
| SMD-1   | SMD-2   | SupIR-SMD | MO-036AA |
|         | TOR     | TOR D     |          |
| MO-36AB | UB      | LCC-18    | LCC-28   |
| TOP     |         | TEAR      | ICA      |

# Through hole

| TO-205AF | TO-254         | Tabless TO-254 |
|----------|----------------|----------------|
| TOR      |                | TER            |
| TO-257   | Tabless TO-257 |                |
| TER      | TER            |                |

### Where to Buy

Infineon distribution partners and sales offices: www.infineon.com/WhereToBuy

### Service Hotline

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