



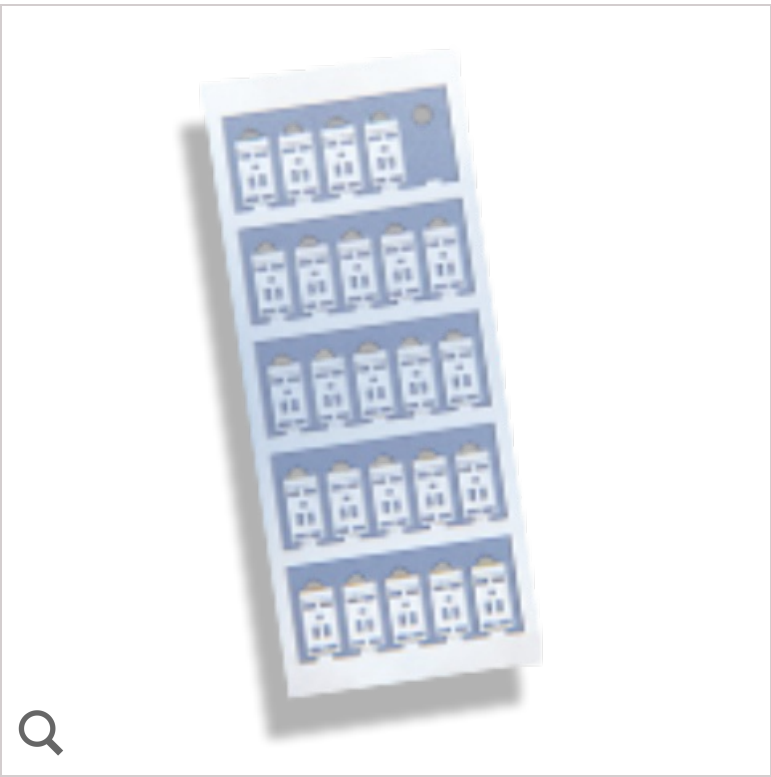
- > Home (/cms/en/)
- > Products (/cms/en/product/)
- > Power (/cms/en/product/power/)
- > MOSFET (/cms/en/product/power/mosfet/)
- > 20V-300V N-Channel Power MOSFET (/cms/en/product/power/mosfet/20v-300v-n-channel-power-mosfet/)
- > OptiMOS™ and StrongIRFET™ Latest Packages (/cms/en/product/power/mosfet/20v-300v-n-channel-power-mosfet/optimos-and-strongirfet-latest-packages/)
- > DirectFET™ (/cms/en/product/power/mosfet/20v-300v-n-channel-power-mosfet/optimos-and-strongirfet-latest-packages/directfet/)
- > IRF66L8-25

IRF66L8-25

Overview



L8 Outline MicroStencil Kit. Each kit contains 25 MicroStencils.



Parametrics



Parametrics	IRF66L8-25
Package	MicroStencil
Technology	Trench Mosfet

Documents



+ Expand all

+ Application Notes



DirectFET® Technology Inspection Application Note (/dgdI/an-1080.pdf?fileId=5546d462533600a4015355957354100f)
> EN (/dgdI/an-1080.pdf?fileId=5546d462533600a4015355957354100f)
2005-01-07 | pdf | 981 KB



DirectFET® Technology Materials and Practices (/dgdI/an-1050.pdf?fileId=5546d462533600a401535591be830fb2)
> EN (/dgdI/an-1050.pdf?fileId=5546d462533600a401535591be830fb2)
2003-12-09 | pdf | 132 KB



DirectFET® Technology: Board Mounting Guidelines. (/dgdI/Infineon-AN-1035-AN-v29_00-EN.pdf?fileId=5546d462533600a40153559159020f76)
> EN (/dgdI/Infineon-AN-1035-AN-v29_00-EN.pdf?fileId=5546d462533600a40153559159020f76)
29_00 | 2016-06-29 | pdf | 3.7 MB



MOSFET introduction to Infineon's power MOSFET simulation models (/dgdI/Infineon-ApplicationNote_PowerMOSFET_SimulationModels-AN-v01_00-EN.pdf?fileId=5546d46250cc1fdf0151588db5ef1b18)
> EN (/dgdI/Infineon-ApplicationNote_PowerMOSFET_SimulationModels-AN-v01_00-EN.pdf?fileId=5546d46250cc1fdf0151588db5ef1b18)
01_00 | 2015-11-30 | pdf | 701 KB



MOSFET some key facts about avalanche (/dgdI/Infineon-ApplicationNote_Some_key_facts_about_avalanche-AN-v01_00-EN.pdf?fileId=5546d462584d1d4a0158ba0210977cde)
> EN (/dgdI/Infineon-ApplicationNote_Some_key_facts_about_avalanche-AN-v01_00-EN.pdf?fileId=5546d462584d1d4a0158ba0210977cde)
01_00 | 2016-12-01 | pdf | 2 MB

+ Product Selection Guide



Combined portfolio MOSFET OptiMOS™ and StrongIRFET™ (/dgdI/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio-SG-v01_00-EN.pdf?fileId=5546d4624f205c9a014f3adaa0831584)
> EN (/dgdI/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio-SG-v01_00-EN.pdf?fileId=5546d4624f205c9a014f3adaa0831584)
> CN (/dgdI/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio_Chinese-SG-v01_00-CN.pdf?fileId=5546d4624fb7fef2014fd12a31c17e98)
> JA (/dgdI/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio-SG-v01_00-JA.pdf?fileId=5546d462518ffd850151c420c70c369f)
01_00 | 2015-08-17 | pdf | 1.2 MB



Power Management Selection Guide 2017 (/dgdI/Infineon-Power_Management_Selection_Guide_2017-SG-v00_00-EN.pdf?fileId=5546d4625607bd13015621522aa012cb)
> EN (/dgdI/Infineon-Power_Management_Selection_Guide_2017-SG-v00_00-EN.pdf?fileId=5546d4625607bd13015621522aa012cb)
> JA (/dgdI/Infineon-Power_Management_Selection_Guide_2017_Japanese-SG-v01_00-JA.pdf?fileId=5546d4625b10283a015b19e790b24cda)
00_00 | 2017-11-06 | pdf | 11.6 MB

+ Additional Product Information



Advertisement SMPS (/dgdI/Infineon-Advertisement SMPS-AP-v01_00-EN.pdf?fileId=5546d4624f205c9a014f4b604c246e7e)
> EN (/dgdI/Infineon-Advertisement SMPS-AP-v01_00-EN.pdf?fileId=5546d4624f205c9a014f4b604c246e7e)
01_00 | 2015-08-20 | pdf | 229 KB

Order



Sales Product Name	IRF66L8-25
--------------------	------------

OPN	IRF66L8-25
Product Status	active
Package name	--
Order online	
Completely lead free	no
Halogen free	
RoHS compliant	yes
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY

Boards

▼

5 out of 9 boards

Image	Board ▼▲	Family ▼▲	Description ▼▲	Status ▼▲
	EVAL_3KW_2LLC_C7_20 (/cms/en/product/evaluation-boards/eval_3kw_2llc_c7_20/)	Gate Driver, Microcontroller, MOSFET	3.0kW Dual LLC Evaluation Board • 1EDI60N12AF • 2EDN7524R • 2N7002 • BAS 52-02V BAT165 • BSC093N15NS5 • BSS316N • ICE2QR2280Z • IFX1763XEJ V33 • IFX1763XEJ V50 • IPP60R040C7 • XMC4400-F64K512AB	active and preferred
	EVAL_800W_PSU_4P_C7 (/cms/en/product/evaluation-boards/eval_800w_psu_4p_c7/)	MOSFET, Gate Driver	This 800W evaluation board is intended to be a form, fit and function testplatform for server applications to show operation of the 600V CoolMOS C7, 650V SiC Diode , Optimos 40V, Quasi Resonat Flyback (QR) and XMC 1400/4200 controller.The evaluation board is designed around the Infineon 600V CoolMOS 4-Pin device and the cost effective Optimos 40V Technology to show switching performance and power density design .	active and preferred
	KIT_XMC_DP_EXP_01 (/cms/en/product/evaluation-boards/kit_xmc_dp_exp_01/)	Gate Driver, Microcontroller, MOSFET	The new XMC™ digital power explorer kit utilizes Infineon’s industry leading XMC™ range of ARM® Cortex®-M microcontrollers, OptiMOS™	active and preferred

			BSC0924NDI MOSFETs and IRS2011S high and low side drivers. The kit's power board features synchronous buck converter with on-board resistive load banks. • BSC0924NDI • IRS2011S • XMC1302-T038X0200 AB • XMC4200-F64K256 AB	
	KIT_XMCI45_LARIX_PINU_1 (/cms/en/product/evaluation-boards/kit_xmci45_larix_pinu_1/)	Security, Gate Driver, LED Driver & Ballast Controller, Linear Voltage Regulator (LDO), MOSFET, Power Controller (PWM, PFC), Sensor	Quadrocopter demonstrator kit with 9-axis motion tracking, pressure sensor and authentication representation. Control via Bluetooth or radio transmitter. • BCR321U • BSC0925ND • DPS310 • IFX1117MEV33 • IFX91041V50 • IR2301S • MPU9250 • ORIGA™ 2L • XMC1302 Q040X0128 • XMC4200 OBD • XMC4500	coming soon
	REF-15W ADAPTER (/cms/en/product/evaluation-boards/ref-15w-adapter/)	Diode (Si, SiC), MOSFET, Power Controller (PWM, PFC)	PWM-QR ICE2QS03G for 15W 5V SMPS reference board with 85~265V AC universal input. • BAS21-03W • BSC067N06LS3G • ICE2QS03G • IPU60R950C6	active and preferred

Show all boards

Support



Call us toll-free 24/7

Technical Assistance Center 技术支持中心 (TAC)



Call us Toll Free
免费热线联系我们



[\(/cms/en/about-infineon/company/contacts/service-center/\)](/cms/en/about-infineon/company/contacts/service-center/)

Find an answer to your question

Technical Assistance Center (TAC)

Infineon welcomes your comments and questions.

If you have any questions concerning our products, please fill out the following form. Your inquiry will be sent to the appropriate specialist who will be in touch with you as soon as possible.

You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

First Name*

Last Name*

E-Mail*

Phone

Company*

Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

Please post your technical question as detailed as possible*

I agree that my personal data can be gathered and processed by Infineon Technologies AG and its licensed partners.*

☐

I would like to receive newsletter informing me about Infineon products. (You can cancel the free subscription any time.)

☐

For more information about our privacy policy please click on > [Privacy Policy \(/cms/en/about-infineon/privacy-policy/\)](/cms/en/about-infineon/privacy-policy/)



Submit

Reset

All fields marked with an asterisk (*) are mandatory.

Support forum

In order to optimize your browsing experience Infineon uses cookies. You agree to the usage of cookies when you continue browsing this site. Please read our > **Privacy Policy (/cms/en/about-infineon/privacy-policy/)** for more information.

OK

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Infineon:](#)

[IRF66L8-25](#)