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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 (/dgd/an-1080.pdf?fileId=5546d462533600a4015355957354100f)
> EN (/dgd/an-1080.pdf?fileId=5546d462533600a4015355957354100f)
2005-01-07 | pdf | 981 KB



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



DirectFET® Technology: Board Mounting Guidelines. (/dgd/Infineon-AN-1035-AN-v29_00-EN.pdf?fileId=5546d462533600a40153559159020f76)
> EN (/dgd/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 (/dgd/Infineon-ApplicationNote_PowerMOSFET_SimulationModels-AN-v01_00-EN.pdf?fileId=5546d46250cc1fdf0151588db5ef1b18)
> EN (/dgd/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 (/dgd/Infineon-ApplicationNote_Some_key_facts_about_avalanche-AN-v01_00-EN.pdf?fileId=5546d462584d1d4a0158ba0210977cde)
> EN (/dgd/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™ (/dgd/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio-SG-v01_00-EN.pdf?fileId=5546d4624f205c9a014f3adaa0831584)
> EN (/dgd/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio-SG-v01_00-EN.pdf?fileId=5546d4624f205c9a014f3adaa0831584)
> CN (/dgd/Infineon-ProductSelectionGuide_OptiMOS_StrongIRFET_CombinedPortfolio_Chinese-SG-v01_00-CN.pdf?fileId=5546d4624fb7fef2014fd12a31c17e98)
> JA (/dgd/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 (/dgd/Infineon-Power_Management_Selection_Guide_2017-SG-v00_00-EN.pdf?fileId=5546d4625607bd13015621522aa012cb)
> EN (/dgd/Infineon-Power_Management_Selection_Guide_2017-SG-v00_00-EN.pdf?fileId=5546d4625607bd13015621522aa012cb)
> JA (/dgd/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 (/dgd/Infineon-Advertisement SMPS-AP-v01_00-EN.pdf?fileId=5546d4624f205c9a014f4b604c246e7e)
> EN (/dgd/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 <ul style="list-style-type: none"> • 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

			<p>BSC0924NDI MOSFETs and IRS2011S high and low side drivers. The kit's power board features synchronous buck converter with on-board resistive load banks.</p> <ul style="list-style-type: none"> • BSC0924NDI • IRS2011S • XMC1302-T038X0200 AB • XMC4200-F64K256 AB 	
	<p>KIT_XMCI45_LARIX_PINU_1 (/cms/en/product/evaluation-boards/kit_xmci45_larix_pinu_1/)</p>	<p>Security, Gate Driver, LED Driver & Ballast Controller, Linear Voltage Regulator (LDO), MOSFET, Power Controller (PWM, PFC), Sensor</p>	<p>Quadrocopter demonstrator kit with 9-axis motion tracking, pressure sensor and authentication representation. Control via Bluetooth or radio transmitter.</p> <ul style="list-style-type: none"> • BCR321U • BSC0925ND • DPS310 • IFX1117MEV33 • IFX91041V50 • IR2301S • MPU9250 • ORIGA™ 2L • XMC1302 Q040X0128 • XMC4200 OBD • XMC4500 	coming soon
	<p>REF-15W ADAPTER (/cms/en/product/evaluation-boards/ref-15w-adapter/)</p>	<p>Diode (Si, SiC), MOSFET, Power Controller (PWM, PFC)</p>	<p>PWM-QR ICE2QS03G for 15W 5V SMPS reference board with 85~265V AC universal input.</p> <ul style="list-style-type: none"> • BAS21-03W • BSC067N06LS3G • ICE2QS03G • IPU60R950C6 	active and preferred

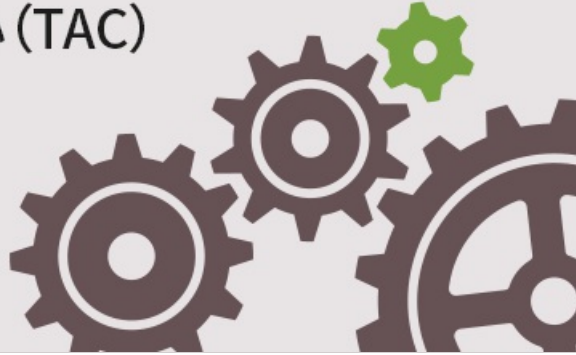
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First Name*

Last Name*

E-Mail*

Phone

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Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

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