

12 V – 300 V MOSFET Qualification Level		Standard	Industrial	
Power Discrete MOSFET	Summary	Qualification according to JEDEC	Fully qualified according to JEDEC for Industrial Applications	
	QM System Minimum requirement	ISO90001		
	Development Process	Infineon System Development Hand Book or equivalent		
	Stability & Production	Infineon Industrial Control and Test Concepts		
	Reliability Testing	Stress duration	Up to 1000h/1000 cycles (see internet qualification report for exceptions)	Minimum 1000h/1000 cycles per JESD47 (mission cycle assessment)
		Post stress	Robustness verified by electrical test	Verified by electrical test PLUS: 1) Electrical parameter drift, 2) Delamination assessment, 3) Wire bond assessment
	Services	Service Methodology	Supported by online tools (e.g.: internet qualification report)	Customer Specific
		Change Notification – PCN	PCN according to JESD46	PCN according to JESD46 with possibility for extension window
		Customer Specific Requests	Not available	Upon request