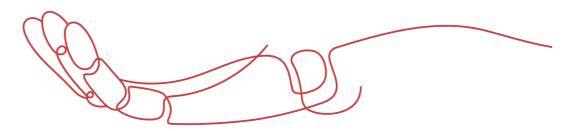




PRODUCT DATA SHEET



To learn more about JGSEMI, please visit our website at



Please note: Please check the JINGAO Semiconductor website to verify the updated device numbers. The most current and up-to-date ordering information can be found at www.jg-semi.cn. Please email any questions regarding the system integration to JINGAO_questions@jgsemi.com.



DMN26D0UFB4

N-Channel MOSFET

Features

- Operated at Low Logic Level Gate Drive
- N-Channel Switch with Low R_{DS(on)}
- Epoxy Meets UL 94 V-0 Flammability Rating
- ESD Human Body Model 2000V
- Moisture Sensitivity Level 1
- Halogen Free. "Green" Device (Note 1)
- Lead Free Finish/RoHS Compliant ("P" Suffix Designates RoHS Compliant. See Ordering Information)



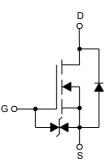
DFN1006-3

Maximum Ratings

- Operating Junction Temperature Range: -55°C to +150°C
- Storage Temperature Range: -55°C to +150°C
- Maximum Thermal Resistance: 138°C/W Junction to Ambient

Parameter	Symbol	Rating	Unit
Drain -source Voltage	V _{DS}	20V	V
Gate -Source Voltage	V _{GS}	±12	V
Drain Current-Continuous ^(Note 2)	Ι _D	0.75	А
Pulsed Drain Current	I _{DM}	2.8	А
Power Dissipation	P _D	0.9	W

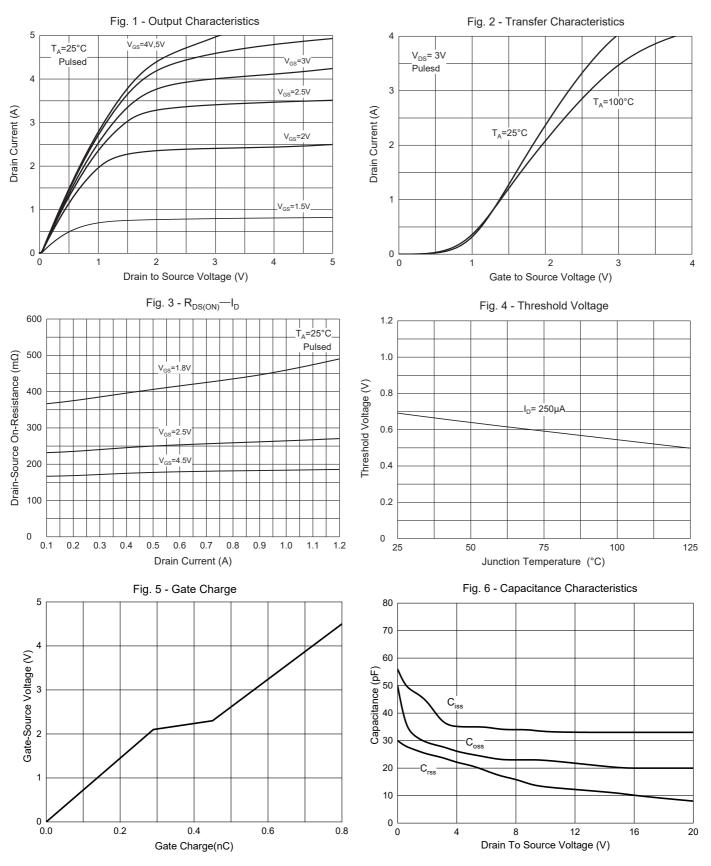
Note: 1. Halogen free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds.





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Curve Characteristics

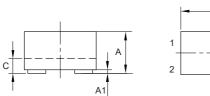


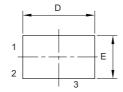
JINGAO Technology Co., Ltd.

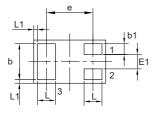


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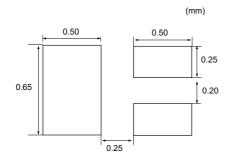






DIMENSIONS								
	DIM	INCHES		MM		NOTE		
		MIN	MAX	MIN	MAX	NOTE		
Α		0.018	0.022	0.45	0.55			
A1		0.000	0.002	0.00	0.05			
b		0.018	0.022	0.45	0.55			
b1		0.004	0.008	0.10	0.20			
С		0.005	0.007	0.12	0.18			
D		0.037	0.042	0.95	1.075			
E		0.022	0.026	0.55	0.675			
E1		0.006	0.010	0.15	0.25			
е		0.026		0.65		TYP.		
L		0.008	0.012	0.20	0.30			
L1		0.0002		0.05		TYP.		

Suggested Solder Pad Layout





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