30V N-Channel Enhancement Mode Field Effect Transistor

MAIN CHARACTERISTICS

I_D	
V_{DS}	
R_{DSON}-typ(@V_{GS}=10V)	Ω (Typ:77mΩ)

FEATURES

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MECHANICAL DATA

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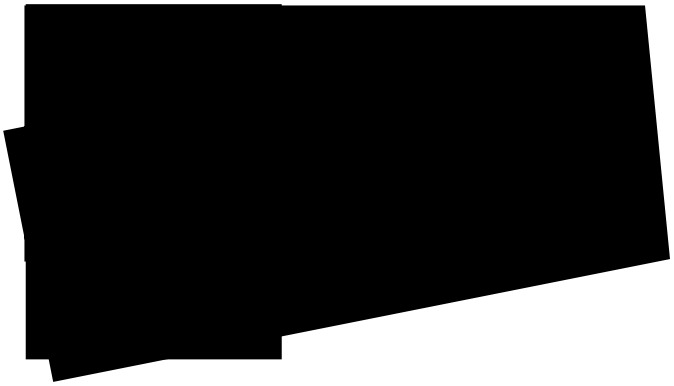


Maximum Ratings & Thermal Characteristics

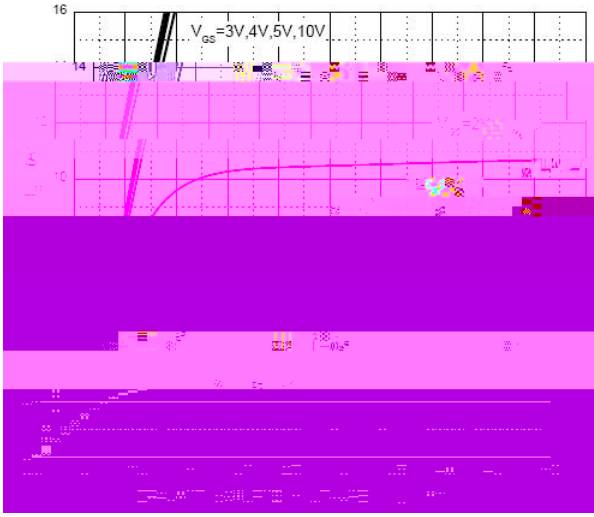
Characteristics	Symbols	Value	Units
	V_{DS}		V
	V_{GS}		V
	I_D		A
	P_D		mW
	T_J ,T_{STG}		°C
	$R_{\theta JA}$		°C/W

Electrical Characteristics

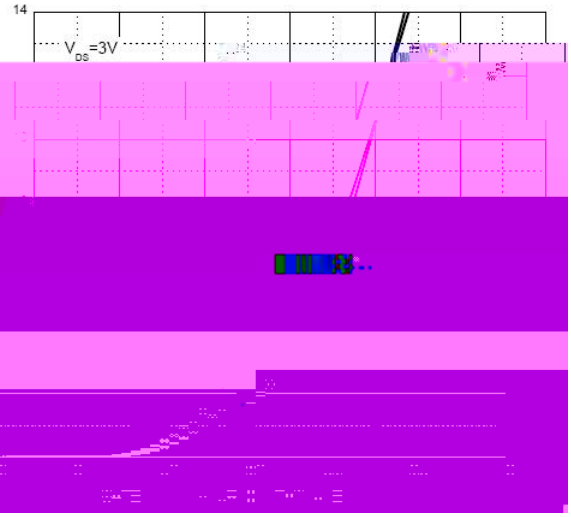
Characteristics	Test Condition	Symbols	Min	Typ	Max	Units
		BV_{DSS}				V

Typical characteristics

Output Characteristics



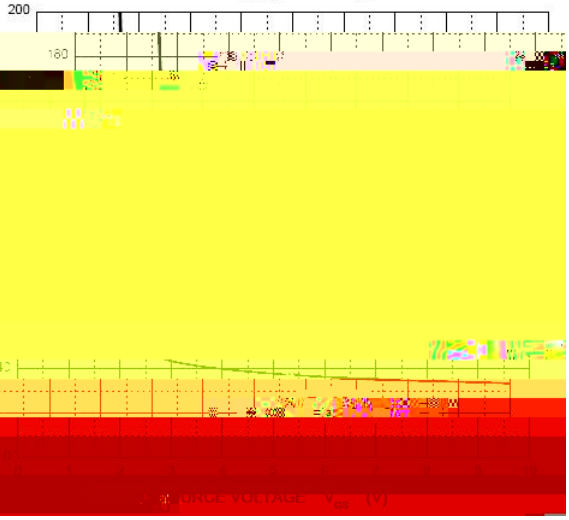
Transfer Characteristics



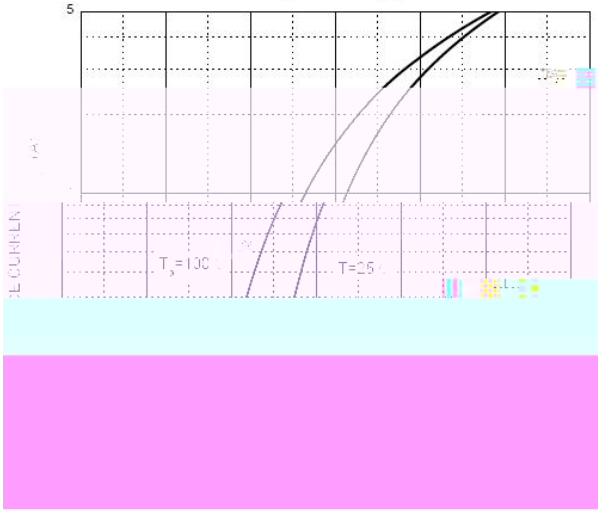
$R_{DS(ON)}$ —— I_D



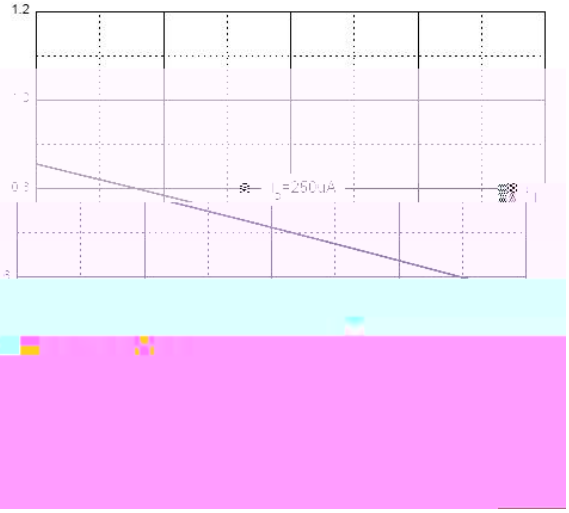
$R_{DS(ON)}$ —— V_{GS}



I_S —— V_{SD}



Threshold Voltage



Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-23			

Package Dimensions

SOT-23

Dim.	Millimeter (mm)		mil	
	Min.	Max.	Min.	Max.

0.า