

PPF75N10N (#45822)

N Channel MOSFET

Package
TO-258(STD)

Division	Lawrence	Datasheet	(none)
Mil-Spec	(none)		
Shipping	(none)	Qual Data	Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
Breakdown Voltage Drain-to-Source	B_{VDSS}	100	V
Drain Current (Continuous)			
($T_A=25^\circ\text{C}$)	I_{D1}	50	A
($T_A=100^\circ\text{C}$)	I_{D2}	50	A
Power Dissipation	P_D	300	W
Thermal Resistance, Junction to Case	$R_{\theta JC}$	0.42	$^\circ\text{C/Watt}$

Electrical Rating	Symbol	Min	Typ	Max	Unit
Static Drain to Source "on" Resistance	$R_{DS(on)}$			0.025	Ohm



