

N-Channel Power MOSFET's

Operating Temperature: -55°C to 150°C

Part No.	Drain-Source Brkdn. Voltg.	Min. On-State DS Current	Typ. Static DS Resistance	Part No.	Drain-Source Brkdn. Voltg.	Min. On-State DS Current	Typ. Static DS Resistance	Package	Outline (Max. in inches)
	BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		
IRFP150	100.00	40.00	0.055	SSH20N50	500.00	20.00	0.30	30	
SSH60N10		60.00	0.030	SSH6N60	600.00	6.00	1.80		
IRFP250	200.00	30.00	0.085	SSH15N60	600.00	15.00	0.50		
SSH40N20		40.00	0.080						
IRFP254	250.00	23.00	0.140	SSH10N70	700.00	10.00	1.20		
SSH25N40	400.00	25.00	0.200						

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IRFU010	50	8.2	0.20	IRFU220	200	4.6	0.8	70	
IRFU020		15.0	0.10	IRFU310	400	1.7	3.6		
SSU3055	60	12.0	0.15	IRFU320	400	3.1	1.8		
IRFU110		4.7	0.54	IRFU420	500	2.5	3.0		
IRFU120	100	8.4	0.27	SSU1N60	600	1.0	12.0		
IRFU210	200	2.7	1.50						

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IRFSZ34	60	20.0	0.050	IRFS740	400	5.5	0.55	50	
IRFSZ44		28.0	0.028	IRFS830	500	3.1	1.50		
IRFS624	250	3.3	1.100	IRFS840	500	4.6	0.85		
IRFS634		5.5	0.450						
IRFS644	8.5	0.280	SSP1N60	600	1.0	12.00			
IRFS730	400	3.5	1.000						

P-Channel Power MOSFET's

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	BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		
IRF9Z10	-50	-4.70	0.50	IRF9610	-200	-1.8	3.00	50	
IRF9Z20		-9.70	0.28	IRF9620	-200	-3.50	1.50		
IRF9Z30		-18.00	0.14	IRF9630	-200	-6.50	0.80		
IRF9510	-100	-3.00	1.20	IRF9640	-200	-11.00	0.50		
IRF9520		-6.00	0.60	-	-	-	-		
IRF9530		-12.00	0.30	-	-	-	-		
IRF9540		-17.00	0.20	-	-	-	-		

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	BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		BV _{DSS} (V)	I _{D(ON)} (A)	R _{DS(ON)} (Ω)		
IRFU9010	-50	-5.30	0.50	IRFU9110	-100	-3.20	1.200	70	
IRFU9020		-9.90	0.29	IRFU9120	-100	-5.90	0.600		
SSU2955	-60	-12.00	0.30	IRFU9210	-200	-2.00	3.000		
				IRFU9220	-200	-3.60	1.500		

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IRFS9540	-100.00	-10.70	0.20	IRFS9640	-200.00	-6.20	0.50	50	