


**NEW ENGLAND SEMICONDUCTOR**

**POWER MOSFETS  
N CHANNEL  
TO-257**

PACKAGE	DEVICE TYPE	$V_{DSS}$ VOLTS	$I_D$ AMPS	$R_{DS(on)}$ @0.5 $I_D$ OHMS	$Q_g$ nc	$C_{ISS}$ pf	$P_D$ WATTS
  Also available in Z Pack	NSFY31042	1000	3.0	4.2	55	950	100
	NSFY31040	1000	3.3	4.0	55	950	100
	NSFY30942	900	3.0	4.2	55	950	100
	NSFY30940	900	3.3	4.0	55	950	100
	NSFY30824	800	4.3	2.4	55	950	100
	NSFY30828	800	4.0	2.8	24	950	100
	NSFY30724	700	4.3	2.4	55	950	100
	NSFY30728	700	4.0	2.8	55	950	100
	NSFY30613	600	5.5	1.3	55	950	100
	NSFY30616	600	5.0	1.6	55	950	100
	NSFY30509	500	7.0	0.9		950	100
	NSFY30511	500	6.5	1.1	55	950	100
	NSFY440	500	8.0	0.86	60	1600	100
	NSFY400	500	5.5	0.9	65	1700	60
	NSFY340	400	10.0	0.56	60	1600	100
	NSFY300	400	6.9	0.55	65	1600	60
	NSFY240	200	18.0	0.19	60	1600	100
	NSFY200	200	12.0	0.19	70	1600	60
	NSFY140	100	27.0	0.095	60	1600	100
	NSFY100	100	7.4	0.31	15	500	30

- Electrical Characteristics @ 25° C unless otherwise noted
- Operational Temperature range: -55° to +150° C
- Storage temperature range: -55° to +150° C