THT N CH MOSFET

Datasheets	Image	Digi-Key Part Number	Manufacturer Part Number	Manufacturer	Series	Drain to Source Voltage (Vdss)	Current - Continuous Drain (Id) @ 25°C	Rds On (Max) @ Id, Vgs	Vgs(th) (Max) @ Id	Gate Charge (Qg) @ Vgs	Input Capacitance (Ciss) @ Vds	Power - Max	Operating Temperature	Package / Case
		Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending	Ascending/Descending
STW77N65M5 Datasheet	STW77N65M5 - STMicroelectronics	497-16613-5-ND	STW77N65M5	STMicroelectronics	STripFET™	650V	60A (Tc)	45 mOhm @ 30A, 10V	5V @ 250µA	166nC @ 10V	9985pF @ 25V	312W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXFH42N50 Datasheet	IXFH42N50 - IXYS	IXFH42N50	IXFH42N50	IXYS	HiPerFET™	500V	42A (Tc)	95 mOhm @ 500mA, 10V	4V @ 4mA	200nC @ 10V	4900pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IRFP260NPBF Datasheet	IRFP260NPBF - Infineon Technologies	IRFP260NPBF-ND	IRFP260NPBF	Infineon Technologies	HEXFET®	200V	50A (Tc)	40 mOhm @ 28A, 10V	4V @ 250µA	234nC @ 10V	4057pF @ 25V	300W	-55°C ~ 175°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IRFP4332PBF Datasheet	IRFP4332PBF - Infineon Technologies	IRFP4332PBF-ND	IRFP4332PBF	Infineon Technologies	HEXFET®	250V	57A (Tc)	33 mOhm @ 35A, 10V	5V @ 250µA	150nC @ 10V	5860pF @ 25V	360W	-40°C ~ 175°C (TJ)	TO-247-3
		This part is RoHS compliant.												
FQA62N25C Datasheet	FQA62N25C - Fairchild Semiconductor	FQA62N25C-ND	FQA62N25C	Fairchild Semiconductor	QFET®	250V	60A (Tc)	45 mOhm @ 30A, 10V	4V @ 250µA	136nC @ 10V	4280pF @ 25V	298W	-55°C ~ 150°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
STW88N65M5 Datasheet	STW88N65M5 - STMicroelectronics	497-16569-5-ND	STW88N65M5	STMicroelectronics	STripFET™ II	650V	42A (Tc)	75 mOhm @ 17A, 10V	5V @ 250µA	90nC @ 10V	6200pF @ 25V	300W	150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXFH50N20 Datasheet	IXFH50N20 - IXYS	IXFH50N20	IXFH50N20	IXYS	HiPerFET™	200V	50A (Tc)	45 mOhm @ 25A, 10V	4V @ 4mA	220nC @ 10V	4400pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXFH80N60Q3 Datasheet	IXFH80N60Q3 - IXYS	IXFH80N60Q3-ND	IXFH80N60Q3	IXYS	HiPerFET™	600V	80A (Tc)	80 mOhm @ 500mA, 10V	4V @ 4mA	148nC @ 10V	9400pF @ 25V	830W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXFH42N20 Datasheet	IXFH42N20 - IXYS	IXFH42N20-ND	IXFH42N20	IXYS	HiPerFET™	200V	42A (Tc)	60 mOhm @ 500mA, 10V	4V @ 4mA	220nC @ 10V	4400pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXFH52N30Q3 Datasheet	IXFH52N30Q3 - IXYS	IXFH52N30Q3-ND	IXFH52N30Q3	IXYS	HiPerFET™	300V	52A (Tc)	60 mOhm @ 500mA, 10V	4V @ 4mA	156nC @ 10V	5300pF @ 25V	360W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
FQA70N15 Datasheet	FQA70N15 - Fairchild Semiconductor	FQA70N15-ND	FQA70N15	Fairchild Semiconductor	QFET®	150V	70A (Tc)	28 mOhm @ 35A, 10V	4V @ 250µA	175nC @ 10V	5400pF @ 25V	310W	-55°C ~ 175°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
FQA40N25 Datasheet	FQA40N25 - Fairchild Semiconductor	FQA40N25-ND	FQA40N25	Fairchild Semiconductor	QFET®	250V	40A (Tc)	70 mOhm @ 20A, 10V	5V @ 250µA	116nC @ 10V	4200pF @ 25V	280W	-55°C ~ 150°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
IRFP229PBF Datasheet	IRFP229PBF - Infineon Technologies	IRFP229PBF	IRFP229PBF	Infineon Technologies	HEXFET®	250V	46A (Tc)	46 mOhm @ 28A, 10V	5V @ 250µA	153nC @ 10V	4560pF @ 25V	310W	-40°C ~ 175°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IRFP227PBF Datasheet	IRFP227PBF - Infineon Technologies	IRFP227PBF-ND	IRFP227PBF	Infineon Technologies	HEXFET®	250V	26A (Tc)	25 mOhm @ 16A, 10V	5V @ 250µA	98nC @ 10V	3660pF @ 25V	330W	-40°C ~ 175°C (TJ)	TO-247-3
		This part is RoHS compliant.												
FQA55N25 Datasheet	FQA55N25 - Fairchild Semiconductor	FQA55N25-ND	FQA55N25	Fairchild Semiconductor	QFET®	250V	56A (Tc)	40 mOhm @ 27.5A, 10V	5V @ 250µA	186nC @ 10V	6270pF @ 25V	310W	-55°C ~ 150°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
FQA55N25D Datasheet	FQA55N25D - Fairchild Semiconductor	FQA55N25D	FQA55N25D	Fairchild Semiconductor	QFET®	250V	55A (Tc)	52 mOhm @ 32.5A, 10V	5V @ 250µA	200nC @ 10V	7700pF @ 25V	310W	-55°C ~ 150°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
FQA69N30 Datasheet	FQA69N30 - Fairchild Semiconductor	FQA69N30-ND	FQA69N30	Fairchild Semiconductor	QFET®	300V	69.5A (Tc)	60 mOhm @ 34.75A, 10V	5V @ 250µA	150nC @ 10V	5600pF @ 25V	310W	-55°C ~ 150°C (TJ)	TO-3P-3, SC-65-3
		This part is RoHS compliant.												
IRFSL4227PBF Datasheet	IRFSL4227PBF - Infineon Technologies	IRFSL4227PBF-ND	IRFSL4227PBF	Infineon Technologies	HEXFET®	200V	62A (Tc)	26 mOhm @ 26A, 10V	5V @ 250µA	99nC @ 10V	4600pF @ 25V	330W	-40°C ~ 175°C (TJ)	TO-262-3 Long Leads, I²Pak, TO-262AA
		This part is RoHS compliant.												
IRFP260NPBF Datasheet	IRFP260NPBF - Infineon Technologies	IRFP260NPBF-ND	IRFP260NPBF	Infineon Technologies	HEXFET®	200V	50A (Tc)	40 mOhm @ 28A, 10V	4V @ 250µA	234nC @ 10V	4057pF @ 25V	300W	-55°C ~ 175°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IRFP260PBF Datasheet	IRFP260PBF - Vishay Siliconix	IRFP260PBF-ND	IRFP260PBF	Vishay Siliconix	-	200V	46A (Tc)	56 mOhm @ 28A, 10V	4V @ 250µA	234nC @ 10V	5200pF @ 25V	280W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXTH50N20 Datasheet	IXTH50N20 - IXYS	IXTH50N20-ND	IXTH50N20	IXYS	MegaMOS™	200V	50A (Tc)	45 mOhm @ 25A, 10V	4V @ 250µA	220nC @ 10V	4600pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
APT30M75BVRG Datasheet	APT30M75BVRG - Microsemi Corporation	APT30M75BVRG	Microsemi Corporation	POWER MOS V™	300V	39A (Tc)	75 mOhm @ 500mA, 10V	4V @ 1mA	229nC @ 10V	5870pF @ 25V	370W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXYH50N120 Datasheet	IXYH50N120 - IXYS	IXYH50N120-ND	IXYH50N120	IXYS	HiPerFET™	1200V	98A (Tc)	40 mOhm @ 25A, 10V	5V @ 4mA	220nC @ 10V	4400pF @ 25V	830W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
IXTH50N20 Datasheet	IXTH50N20 - IXYS	IXTH50N20-ND	IXTH50N20	IXYS	MegaMOS™	200V	50A (Tc)	45 mOhm @ 500mA, 10V	4V @ 250µA	220nC @ 10V	4600pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												
STW52N25K3Z Datasheet	STW52N25K3Z - STMicroelectronics	497-16128-5-ND	STW52N25K3Z	STMicroelectronics	SuperMESH™	250V	51A (Tc)	49 mOhm @ 26A, 10V	4.5V @ 150µA	160nC @ 10V	4950pF @ 25V	300W	-55°C ~ 150°C (TJ)	TO-247-3
		This part is RoHS compliant.												