

■ LOW VOLTAGE POWER MOSFET FS SERIES (2.5V DRIVE) (CONTINUED)

Type No.	Max. ratings				Electrical characteristics (TYP.)				Package outline
	V _{DS} (V)	I _D (A)	P _D (W)	V _{GS} (V)	r _{DS(on)} (mΩ)		V _{GS(th)} (V)	C _{iss} (pF)	
					TYP.	MAX.			
FS5ASH-2	★	5	20	± 10	315	440	0.9	540	MP-3
FS6UMH-2	★								TO-220
FS5VSH-2	★								TO-220S
FS6KMH-2	★								TO-220FN
FS10ASH-2	★	10	30	± 10	158	210	0.9	1150	MP-3
FS10UMH-2	★								TO-220
FS10VSH-2	★								TO-220S
FS10KMH-2	★								TO-220FN
FS10SMH-2	★		30						TO-3P
FS30ASH-2	★	30	35	± 10	66	93	0.9	2000	MP-3
FS30UMH-2	★								TO-220
FS30VSH-2	★								TO-220S
FS30KMH-2	★								TO-220FN
FS30SMH-2	★		45						TO-3P
FS50UMH-2	★	50	70	± 10	38	52	0.9	4000	TO-220
FS50VSH-2	★								TO-220S
FS50KMH-2	★								TO-220FN
FS50SMH-2	★								TO-3P
FS70UMH-2	★	70	125	± 10	10	19	0.9	11000	TO-220
FS70VSH-2	★								TO-220S
FS70KMH-2	★								TO-220FN
FS70SMH-2	★								TO-3P
FS2ASH-3	★	2	20	± 10	580	750	0.9	540	MP-3
FS2UMH-3	★								TO-220
FS2VSH-3	★								TO-220S
FS2KMH-06	★								TO-220FN
FS5ASH-3	★	5	30	± 10	268	350	0.9	1200	MP-3
FS5UMH-3	★								TO-220
FS5VSH-3	★								TO-220S
FS6KMH-3	★								TO-220FN
FS5SMH-3	★		30						TO-3P
FS10ASH-3	★	10	35	± 10	120	160	0.9	2000	MP-3
FS10UMH-3	★								TO-220
FS10VSH-3	★								TO-220S
FS10KMH-3	★								TO-220FN
FS10SMH-3	★		45						TO-3P
FS30UMH-3	★	30	70	± 10	67	87	0.9	4000	TO-220
FS30VSH-3	★								TO-220S
FS30KMH-3	★								TO-220FN
FS30SMH-3	★								TO-3P
FS50UMH-3	★	50	125	± 10	18	30	0.9	11000	TO-220
FS50VSH-3	★								TO-220S
FS50KMH-3	★								TO-220FN
FS50SMH-3	★								TO-3P

* $r_{DS(on)}$ (m Ω) is 4 voltage drive.

■ SOP8 EXTERNAL FROM POWER MOSFET FY SERIES

Type No.	Max. ratings				Electrical characteristics (TYP.)				Package outline
	V _{DS} (V)	I _D (A)	P _D (W)	V _{GS} (V)	V _{DS(on)} (mΩ)		V _{GS(th)} (V)	C _{iss} (pF)	
					TYP.	MAX.			
FY7AAJ-03	30	7	2	±20	23	30	1.5	1000	8P2S-A
FY10AAJ-03		10	2.5		9	13.5		3000	
FY3ABJ-03	-30	-3	2		77	100	-1.5	2000	
FY8ABJ-03		-8	2.5		14	20		4500	

* $r_{DS(on)}$ (m Ω) is 10/-10 voltage drive.