

# FETs, IPD, IGBTs, GaAs MMICs

## ■ Silicon MOS FETs

### ● For Small Signal

Application	Structure	Part No.	Absolute Maximum Ratings (T <sub>a</sub> = 25 °C)				Electrical Characteristics (T <sub>a</sub> = 25 °C)				Package						
			V <sub>DS</sub> *V <sub>DSS</sub> (V)	V <sub>GSO</sub> (V)	I <sub>D</sub> (A)	P <sub>D</sub> (mW)	Y <sub>fs</sub>   min. *typ. (mS)	R <sub>DS(on)</sub> max. *typ. (Ω)	t <sub>on</sub> max. *typ. (ns)	t <sub>off</sub> max. *typ. (ns)							
Digital/ analog switching	N-ch	2SK0601 (2SK601)	80	20	0.5	1 000	*300	*2	*15	*20	MiniP3-F1	D34					
		2SK0614 (2SK614)				750					TO-92-A1	D56					
		2SK0615 (2SK615)				1 000					M-A1	D65					
		2SK0655 (2SK655)	50	8	0.1	200	20	50	10	20	NS-A1/NS-B1	D61/ D62					
		2SK0656 (2SK656)				1 000			1 000								
		2SK0657 (2SK657)				10			20	M-A1	D65						
		2SK0664 (2SK664)							40	1 000	1 000	SMini3-G1	D17				
		2SK0665 (2SK665)	20														
		2SK1228*	50	10	0.05	150	*39	*27	2 000	2 000	Mini3-G1	D26					
		2SK1374*		± 7	0.1						SMini3-G1	D17					
		2SK3539									SSMini3-F1	D8					
		Δ 2SK3546J									SSSMini3-F1	D5					
		Δ 2SK3547															
		2SK2211	30	± 20	1	1 000	500	*0.48	*12	*160	MiniP3-F1	D34					
		2SK3064	*30		0.1	150	15	30*	*150	*35	SMini3-G1	D17					
	P-ch	2SJ0536	*-30		- 0.1		8	50*	*100	*25							

Δ: Tentative    \*: 2.5 V Drive

Note) In the tables, part numbers show the Matsushita unified part numbers. And the part numbers in parentheses show the conventional ones.