

Small-signal FETs

Features *Very low noise figure *Large $|Y_{fs}|$ *Low gate leak current
 *Small-sized package permitting FET-used sets to be made smaller
 * LF Amp, Low Noise, Analog Switch, Impedance Conversion Applications

* sign (PCP Package) Mounted on ceramic board (250mm²×0.8mm)

Case Outlines (unit:mm)
 SANYO:SMCP
 1. Gate, 2. Source, 3. Drain.

Type No.	Package	Absolute Maximum Ratings/Ta=25°C			Electrical Characteristics/Ta=25°C				
		*VGDS VGDS (V)	I _D (mA)	P _D (mW)	Y _{fs} typ (mS)	C _{iss} typ (PF)	C _{rss} typ (PF)	V _{DS} (V)	I _{DSS} (mA)
():Marking									
2SK2170(B7~89)	SMCP	-30	20	100	5	5	0.9	10	0.6 ~ 6.0
2SK1068(B)	MCP	-40	1	100	0.13	1.7	0.7	10	0.03 ~ 0.3
2SK1069(FJ)		-40	20	150	9	9	2.1	10	1.2 ~ 12
2SK1332(V)		-30	20	150	5	5	0.9	10	0.6 ~ 6
2SK1375(C)		* -20	1	100	1.2	3.5	0.65	5	0.14 ~ 0.5
2SK2091(H)		-30	5	150	1.8	2.9	1.1	10	0.4 ~ 1.1
2SK2219(D)		* -20	1	100	1.2	4.1	0.88	5	0.14 ~ 0.5
2SK303(V)	CP	-30	20	200	6	5	1.5	10	0.6 ~ 12
2SK545(B)		-40	IG	100	-	1.7	0.7	10	0.03 ~ 0.3
2SK771(FJ)		-40	20	200	9	9	2.1	10	1.2 ~ 12
2SK2076(H)		-30	5	150	1.6	2.9	1.1	10	0.4 ~ 1.1
2SK2171(KW)	PCP	-40	100	*800	15	11	2.5	10	40 ~ 75
2SK332	DP6A, B	-40	20	200	17	13	3	10	Pulse 1.2 ~ 12
2SK333		-80	20	200	15	11	2	30	
2SK377		* -20	IG	100	-	-	-	5	
2SK597		* -20	1	100	1.2	3.5	0.65	5	
2SK1806		-30	20	250	5	5	1.5	10	
2SK304	SPA	-30	20	150	6	5	1.5	10	0.6 ~ 12
2SK546		-40	IG	100	0.13	1.9	0.7	10	0.03 ~ 0.3
2SK596		* -20	1	100	1.2	3.5	0.65	5	0.1 ~ 0.8
2SK772		-40	20	300	9	9	2.1	10	1.2 ~ 12
2SK1131		* -20	1	100	1.2	3.5	0.65	5	0.15 ~ 0.8
2SK1578		* -20	1	100	1.2	4.1	0.88	5	0.1 ~ 0.8
2SK222	NP	-40	IG	10	17	14	3.5	10	1.2 ~ 12
2SK223		-80	IG	10	20	12	2.5	30	1.2 ~ 24

HF Amp Applications

2SK1065(T)	MCP	* -20	20	150	6	4	0.04	5	1.2 ~ 12
2SK242(T=)	CP	* -20	20	150	6	4	0.04	5	0.6 ~ 12
2SK931(D)		-30	50	200	30	7	2	5	5 ~ 30
2SK968(GJ)		* -20	20	200	6	4	0.04	5	0.6 ~ 12
2SK174(IJ)		-40	75	250	15	11	2.5	10	40 ~ 75
2SK1747	DP6A, B	-40	75	250	15	11	2.5	10	40 ~ 75
2SK212	SPA	* -20	20	200	6	4	0.04	5	0.6 ~ 12
2SK315		* -20	25	200	12	8	0.08	5	2.5 ~ 24
2SK937	NP	-40	100	300	15	11	2.5	10	40 ~ 75

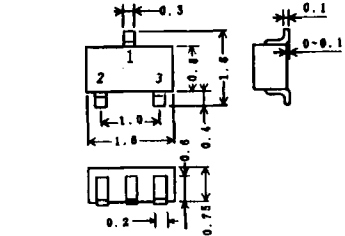
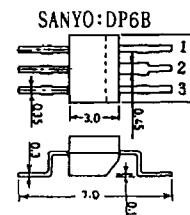
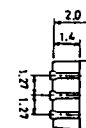
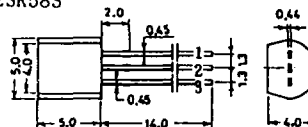
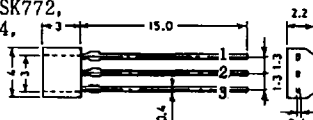
High gm, Wide-Band Amp Applications

2SK1065(A)	MCP	-15	20	150	17	7	2.0	5	3.5 ~ 12
2SK436(A)	CP	-15	20	150	17	7	2.0	5	1.2 ~ 12
2SK443(AJ)		-15	50	200	30	9	2.8	5	5 ~ 38
2SK932(E)		-15	50	200	50	10	3	5	5 ~ 24
2SK2073(VJ)		-15	50	200	30	9.5	2.7	5	6 ~ 20
2SK2394(YJ)		-15	50	200	38	10	2.9	5	6 ~ 32
2SK2218(KN)	PCP	-15	100	*800	32	5.5	1.6	5	40 ~ 75
2SK404	SPA	-20	20	200	10	7	1.8	5	1.2 ~ 12
2SK427		-15	20	200	17	7	2.0	5	1.2 ~ 12
2SK444		-15	50	200	30	9	2.8	5	5 ~ 38
2SK715		-15	50	300	50	10	3.0	5	5 ~ 24
2SK2074		-15	50	300	30	9.5	2.7	5	6 ~ 20
2SK2395		-15	50	300	33	10.2	3.1	5	6 ~ 32
2SK445	NP	-15	50	300	30	9	2.8	5	5.0 ~ 38
2SK1961		-15	100	500	32	5.5	1.6	5	40 ~ 75

SANYO:SPA
 1. Gate, 2. Source, 3. Drain.
 2SK212, 2SK315, 2SK544, 2SK669,
 2SK1841, 2SK2270.

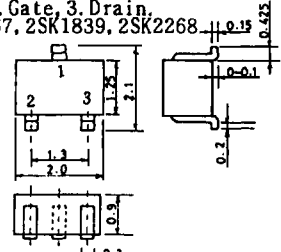
1. Drain, 2. Gate, 3. Source.
 2SK304, 2SK404, 2SK427, 2SK444,
 2SK546, 2SK596, 2SK715, 2SK772,
 2SK1131, 2SK1578, 2SK2074,
 2SK2395.

SANYO:NP
 1. Drain, 2. Gate, 3. Source.
 2SK222, 2SK223, 2SK937, 2SK1961
 1. Gate, 2. Source, 1. Drain.
 2SK445, 2SK583



SANYO:MCP

1. Gate, 2. Source, 3. Drain.
 2SK1066, 2SK1068, 2SK1069, 2SK1332
 2SK1375, 2SK2091, 2SK2219, 2SK2394
 1. Source, 2. Gate, 3. Drain.
 2SK1065, 2SK1067, 2SK1839, 2SK2268



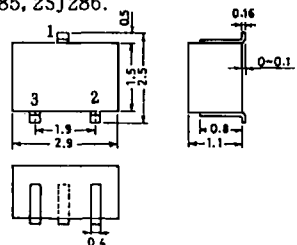
SANYO:CP

1. Source, 2. Drain, 3. Gate.
 2SK242, 2SK536, 2SK543, 2SK1840,
 2SK2269.

1. Source, 2. Gate, 3. Drain.

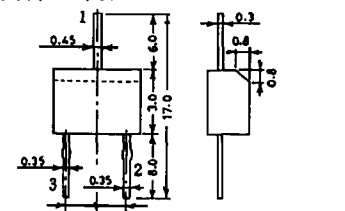
2SK968
 1. Gate, 2. Drain, 3. Source.
 2SK303, 2SK436, 2SK443, 2SK545,
 2SK771, 2SK931, 2SK932, 2SK1740,
 2SK2073, 2SK2076.

1. Drain, 2. Source, 3. Gate.
 2SK1847, 2SK1848, 2SK1849,
 2SK284, 2SK285, 2SK286.

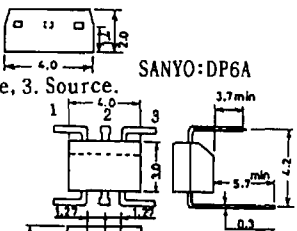


SANYO:DP3

1. Gate, 2. Source, 3. Drain.



SANYO:DP6A
 1. Drain, 2. Gate, 3. Source.



These specifications are subject to change without notice.

MOS, MES FETs Continued on next Page.