

# Japanese V-FET (SIT) data

© 2005 - 2007 Mirko Essling

Type	Polarity	Mfg. No.	Manufacturer	Use	V DGO (V)	I D (A)	Pch (W)	Tj /Tch (°C)	Toff (ns)	Ron (Ohm)	gm (mS)	miu	Cis (pF)	Compl.	Audio use in e.g.
N-CH-Audio	N-SIT	2SK60	SONY	LF PA	170	5	63	120		3	250	4	190	2SJ18	TA-5650
	N-SIT	2SK63	SONY	Small signal	120	0.2	0.47	120		10		14	16	-	Early TA-5650 only
	N-SIT	2SK69	NEC	LF D, Small Signal	140	0.1	0.8	150				30	28	2SJ19	
	N-SIT	2SK70	NEC	LF PA	100	10	100	150				4	430	2SJ20	BA-1000, JM-S7 (A)
	N-SIT	2SK71	NEC	LF D	160	0.3	15	150						2SJ21	
	N-SIT	2SK73	PANASONIC	LF D	200	0.1	5	150						-	
	N-SIT	2SK75	YAMAHA	LF D, Small Signal	200	0.5	20	150			30	40		-	B-I, C-I
	N-SIT	2SK76A	YAMAHA	LF PA	200	10	100	150			750		1000	2SJ26A	B-2
	N-SIT	2SK77	YAMAHA	LF PA	230	20	250 (300?)	150			1500	7,5		2SJ27	B-I only
	N-SIT	2SK78	YAMAHA	Small signal										-	C-I only
	N-SIT	2SK79	SONY	Small signal	120	0.2	0.75	120		10		14	16	-	TA-5650 only
	N-SIT	2SK82	SONY	SW, LF PA	240	10	95	120		1	500	4		2SJ28	TA-N88 only
	N-SIT	2SK89	HITACHI	LF PA	140	10	100	150		15 (?)				2SJ29	HA-500F
	N-SIT	2SK98	YAMAHA	LF PA	55	12	100							2SJ38	Electone Organs
	N-SIT	V132	DITRATHERM	LF PA	100	6	80	150					350	V133	
P-CH-Audio	P-SIT	2SJ18	SONY	LF PA	170	-5	63	120		3	250	4	190	2SK60	TA-5650
	P-SIT	2SJ19	NEC	LF D, Small Signal	140	-0.1	0.8	150		1 (?)		30		2SK69	
	P-SIT	2SJ20	NEC	LF PA	100	-10	100	150				4	710	2SK70	BA-1000, JM-S7 (A)
	P-SIT	2SJ21	NEC	LF D	160	-0.3	15	150						2SK71	
	P-SIT	2SJ24	YAMAHA	Small Signal										-	B-I, C-I
	P-SIT	2SJ26A	YAMAHA	LF PA	200	-10	100	150			750		1000	2SK76A	B-2
	P-SIT	2SJ27	YAMAHA	LF PA	200	-20	250 (300?)	150						2SK77	Never, only samples!
	P-SIT	2SJ28	SONY	SW, LF PA	240	-10	95	120		1	500	4		2SK82	TA-N88 only
	P-SIT	2SJ29	HITACHI	LF PA	140	-10	100	150		15 (?)			1000	2SK89	HA-500F
	P-SIT	2SJ38	YAMAHA	LF PA	55	-12	100							2SK98	Electone Organs (GX-1)
	P-SIT	V133	DITRATHERM	LF PA	100	-6	80	150					700	V132	
N-CH-Switch	N-SIT	2SK180	TOKIN	SW, RF and PA	600	20	300					10	2500	-	
	N-SIT	2SK181	TOKIN	SW, RF and PA	800	20	300					10	2500	-	DIY
	N-SIT	2SK182	TOKIN	SW, RF and PA	600	60	1000		300	0.6		10	8000	-	
	N-SIT	2SK182E	TOKIN	SW, RF and PA	600	30	500		300	0.6		10	8000	-	
	N-SIT	2SK183	TOKIN	SW, RF and PA	800	60	1000					10	8000	-	
	N-SIT	2SK183E	TOKIN	SW, RF and PA	800	60	500					10	8000	-	
	N-SIT	2SK183H	TOKIN	SW, RF and PA	1200	60	1000		300	0.8		10	8000	-	
	N-SIT	2SK183HE	TOKIN	SW, RF and PA	1200	60	500					12	8000	-	
	N-SIT	2SK183V	TOKIN	SW, RF and PA	1500	60	1000					12	8000	-	
	N-SIT	2SK183VE	TOKIN	SW, RF and PA	1500	60	500					12	8000	-	
	N-SIT	THF50	TOKIN	SW, RF and PA	450	30	400		50	0.4				-	*)
	N-SIT	THF51	TOKIN	SW, RF and PA	600	30	400		50	0.6				-	*)
	N-SIT	TS300	TOKIN	SW, RF and PA	600	100	3000		350	0.15				-	*)
	N-SIT	TS300H	TOKIN	SW, RF and PA	1200	100	3000		350	0.25				-	*)
	N-SIT	TKS15R52	TOKIN	SW, RF and PA	1500	10	150		100	0.5				-	*)
	N-SIT	TKS17R52	TOKIN	SW, RF and PA	1700	10	150		100	0.5				-	*)
	N-SIT	TKS45F320	TOKIN	SW, RF and PA	450	4	100		10	0.3				-	*)
	N-SIT	TKS45F322	TOKIN	SW, RF and PA	450	6	150		10	0.3				-	*)
	N-SIT	TKS45F323	TOKIN	SW, RF and PA	450									-	*) DIY
	N-SIT	TKS60P13	TOKIN	SW, RF and PA	600	60	1200		80	0.12				-	*)
	N-SIT	TKS60P23	TOKIN	SW, RF and PA	600	100	2400		80	0.08				-	*)
	N-SIT	TKS12P13	TOKIN	SW, RF and PA	1200	60	1200		80	0.24				-	*)
	N-SIT	TKS12P23	TOKIN	SW, RF and PA	1200	100	2400		80	0.14				-	*)
	N-SIT	TKS25R31	TOKIN	SW, RF and PA	200	30	50		50	0.03				-	*)
	N-SIT	TKS45R12	TOKIN	SW, RF and PA	400	30	50		50	0.1				-	*)

\*) It is not clear, if these TOKIN SITs came to mass production (samples were available), since NEC immediately stopped SIT group after the acquisition of TOKIN.