

PRODUCTS

All Products

DMOS Switches

JFET Switches

JFET Amplifiers

JFET Diodes

MOSFETS

Buffers and Amplifiers

Power Management

ASIC Capabilities

Quality & Reliability

Distributors

DMOS SWITCHES

PACKAGE: 16-PDIP

Part	Package	BV_{DS} (V) Min	$I_{SD(off)}$ (nA) Max	$I_{SD(off)}$ (nA) Max	I_{GBS} (μ A) Max	V_T Min	V_T Max	$R_{DS(on)}$ (Ohm) Max	Comments	Channel
SD5501CY	16-PDIP	20				-0.3	-3	150		N-Channel Depletion Mode
SD5000N	16-PDIP	20	10	10	1	0.1	2	70	DMOS Quad FET	N-Channel
SD5001N	16-PDIP	10	10	10	1	0.1	2	70	DMOS Quad FET	N-Channel
SD5002N	16-PDIP	15	10	10	1	0.1	2	70	DMOS Quad FET	N-Channel

PACKAGE: SO-14

Part	Package	BV_{DS} (V) Min	$I_{SD(off)}$ (nA) Max	$I_{SD(off)}$ (nA) Max	I_{GBS} (μ A) Max	V_T Min	V_T Max	$R_{DS(on)}$ (Ohm) Max	Comments	Channel
SD5400CY	SO-14	20	10	10	1	0.1	2	70	DMOS Quad FET	N- Channel
SD5401CY	SO-14	10	10	10	1	0.1	2	70	DMOS Quad FET	N- Channel
SD5402CY	SO-14	15	10	10	1	0.1	2	70	DMOS Quad FET	N- Channel
SD8901CY	SO-14	15				0.1	2	70	Wideband, Ring Demodulator	

PACKAGE: SOT-143

Part	Package	BV_{DS} (V) Min	$I_{DS(off)}$ (nA) Max	$I_{SD(off)}$ (nA) Max	I_{GBS} (μ A) Max	V_T Min	V_T Max	$R_{DS(on)}$ (Ohm) Max	Comments	Channel
SD403CY	SOT-143	15	1000			0.3	1.5	175		N-Channel
SSTSD201	SOT-143	25	1000		1	0.1	2		High Gain, Low Noise	N-Channel Enhancement Mode
SSTSD203	SOT-143	20	1000		1	0.1	2		High Gain, Low Noise	N-Channel Enhancement Mode
SST211	SOT-143	30	10	10	10	0.5	2	70	High Speed, Ultra Low Capacitance	N-Channel Enhancement Mode
SST213	SOT-143	10	10	10	10	0.1	2	70	High Speed, Ultra Low Capacitance	N-Channel Enhancement Mode
SST215	SOT-143	20	10	10	10	0.1	2	70	High Speed, Ultra Low Capacitance	N-Channel Enhancement Mode

PACKAGE: TO-52

Part	Package	BV_{DS} (V) Min	$I_{DS(off)}$ (nA) Max	I_{GBS} (μ A) Max	V_T Min	V_T Max	Comments	Channel
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SD200DC	TO-52	25	1000	± 0.0001	0.1	2	High Gain, Low Noise	N-Channel Enhancement Mode
SD201DC	TO-52	25	1000	1	0.1	2	High Gain, Low Noise	N-Channel Enhancement Mode
SD202DC	TO-52	20	1000	± 0.0001	0.1	2	High Gain, Low Noise	N-Channel Enhancement Mode
SD203DC	TO-52	20	1000	1	0.1	2	High Gain, Low Noise	N-Channel Enhancement Mode

PACKAGE: TO-72

Part	Package	BV _{DS} (V) Min	I _{DS (off)} (nA) Max	I _{SD (off)} (nA) Max	I _{GBS} (μA) Max	V _T Min	V _T Max	R _{DS (on)} (Ohm) Max	Comments	Channel
SD2100	TO-72	15					1.5	200	Lateral DMOS FET	N-Channel Depletion Mode
SD210DE	TO-72	30	10	10	0.0001	0.5	2	70		N-Channel
SD211DE	TO-72	30	10	10	10	0.5	2	70	Protection Diode	N-Channel
SD212DE	TO-72		10	10	0.0001	0.1	2	70		N-Channel
SD213DE	TO-72		10	10	10	0.1	2	70	Protection Diode	N-Channel
SD214DE	TO-72		10	10	0.0001	0.1	2	70		N-Channel
SD215DE	TO-72		10	10	10	0.1	2	70	Protection Diode Protection Diode	N-Channel
SD217DE	TO-72	25	100	100	10	0.1	2	7.5	Low ON Resistance	N-Channel Depletion Mode
SD219DE	TO-72	25	100	100	10	0.1	2	7.5	Low ON Resistance	N-Channel Depletion Mode

PACKAGE: TO-78

Part	Package	BV _{DS} (V) Min	V _T Min	V _T Max	R _{DS (on)} (Ohm) Max	Comments
SD8901HD	TO-78	15	0.1	2	75	Wideband, Ring Demodulator

PACKAGE: TO-92

Part	Package	BV _{DS} (V) Min	I _{DS (off)} (nA) Max	V _T Min	V _T Max	R _{DS (on)} (Ohm) Max	Comments	Channel
SD403BD	TO-92	15	1000	0.3	1.5	175	Ultra High Speed Switching	N-Channel

Back to [All PRODUCTS](#)