



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Silicon Schottky Diodes

High performance and high reliability RF and microwave Schottky diodes for your demanding mixer and detector applications



New 0201 Surface Mount Silicon — for Mixer Detectors Through K Band

.50 x .25 x .30 mm.

Part Number	$V_B @ 10 \mu A$ (V)	$C_T @ 0.15 V$ (pF)	$C_T @ 0 V$ (pF)	$V_F @ 1.0 mA$ (mV)	R_S (Ω)	$V_R @ 0 V$ (Ω)
	Min.	Typ.	Max.	Min.–Max.	Max.	Min.–Max.
SMS7630-093 Zero bias, detector applications	1	0.3	–	135–240	–	3000–7000
SMS7621-096 Low barrier, sensitive detector and mixer circuits	2	–	0.18	260–320	12	–

Beam-Lead, Epoxy and Hermetic Packaged — Single, N-Type, Low, Medium, High Drive

Frequency Band	C_J 0 V, 1 MHz (pF)		R_S 5 mA (Ω)	V_B 10 μA (V)	V_F 1 mA (mV)		Drive Level	Part Number (-XXX)	Beam Lead (-000)	Epoxy Package		Hermetic Package (-220)
	Min.	Max.	Max.	Min.	Min.	Max.				(-250)	(-230)	
S	0.30	0.50	5	2	200	260	Low	DMF2820	•	•		•
				3	300	400	Med	DME2127	•	•		•
				4	500	600	High	DMJ2823	•	•		•
X	0.15	0.30	8	2	250	310	Low	DMF2821	•	•		•
				3	325	425	Med	DME2957	•	•		•
				4	550	650	High	DMJ2777	•	•		•
KU	0.05	0.15	13	2	260	330	Low	DMF2344	•	•	•	•
				3	350	450	Med	DME2333	•	•	•	•
				4	500	680	High	DMJ2824	•	•	•	•
K	–	0.10	18	2	270	350	Low	DMF2822	•		•	•
				3	375	550	Med	DME2458	•		•	•
				4	600	700	High	DMJ2825	•		•	•



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