

differential Ron,sp in dashed lines.

(cm²)

Table 1: Extracted N_D-N_A, Φ_B and A* for all devices.

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1	Device	N _d -N _A	С-V Ф _в	J-V-Τ Φ _Β	A*	٠₹
	Device	x10 ¹⁶ cm ⁻³	eV	eV	A/cm ² -K ²	sity
	Ni SBD	1.17	1.00	1.22	26.5	ens
	Pt SBD	1.34	1.23	1.30	25.7	Õ
	Cr SBD	1.65	0.34	0.54	11.6	ren
	Ti SBD	N/A	N/A	N/A	N/A	ır
	Ni HJD	1.80	0.64	0.76	3.6	ū
	Pt HJD	1.83	0.72	0.79	4.5	-
	Cr HJD	1.58	0.42	0.64	3.5	_
	Ti HJD	1.75	0.34	0.58	5.8	_
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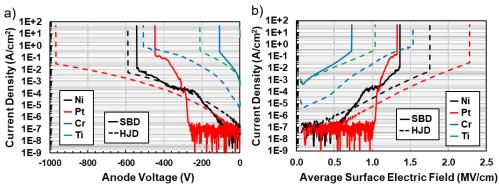


Figure 6: Reverse bias current behavior for all devices tested versus a) reverse voltage and b) average surface electric field (Ti SBD not shown).