

# Silicon Unidirectional Switch – SUS

Similar to 4-Layer Diodes, but has gate electrode that permits synchronization.

Package	Device Type	V <sub>S</sub> Volts Nom		I <sub>S</sub> μA Max.	mA Max.
		Min.	Max.		
Plastic Case 29-02 (TO-92)	MUS4987	6.0	10	500	1.5
	MUS4988	7.5	9.0	150	0.5

# Unijunction Transistors – UJT

Highly stable devices for general-purpose trigger applications and as pulse generators (oscillators) and timing circuits. Useful at frequencies ranging (generally) from 1 Hz to 1 MHz. Available in low-cost plastic package (TO-92) and in hermetically sealed metal package (Case 22A).

Package	Device Type			I <sub>p</sub> μA Max.	I <sub>EB20</sub> μA Max.	I <sub>v</sub> mA Min.
		Min.	Max.			
Plastic Case 29-02 (TO-92)	2N4870	0.56	0.75	5.0	1.0	2.0
	2N4871	0.70	0.85	5.0	1.0	4.0
Metal Case 22A-01	2N2646	0.56	0.75	5.0	12	4.0
	2N2647	0.68	0.82	2.0	0.2	8.0
	2N4851	0.56	0.75	2.0	0.1	2.0
	2N4852	0.70	0.85	2.0	0.1	4.0
	2N4853	0.70	0.85	0.4	0.05	6.0

Datasheet.Live

