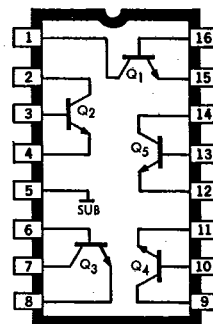


ULN-2083A-1 TRANSISTOR ARRAY

This device is a general-purpose transistor array for use in medium-current switching and differential amplifier applications. With the exception of the increased breakdown voltages shown below, Type ULN-2083A-1 is identical to Type ULN-2083A transistor array.



Dwg. No. A-10,232

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ELECTRICAL CHARACTERISTICS at $T_A = +25^\circ\text{C}$ Free-Air Temperature

Characteristic	Symbol	Test Conditions	Limits			Units
			Min.	Typ.	Max.	
Collector-Base Breakdown Voltage	BV_{CBO}	$I_C = 100 \mu\text{A}$	40	60	—	V
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C = 1 \text{ mA}$	30	—	—	V

Additional information on transistor arrays
ULN-2031A through ULN-2086A, ULS-2045H
and ULS-2083H, is available from:

Sprague Electric Company
Integrated Circuits Division
115 Northeast Cutoff
Worcester, Massachusetts 01606
(617) 853-5000

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