

TABLE 1 SELECTION CRITERIA FOR COMPONENTS

Component	Selection parameter at 25°C	Typical yield (%)
Q1	$I_{CER} < 20 \text{ pA}$ at 3V	90
Q2	$I_{EBO} < 20 \text{ pA}$ at 3V	90
D1	75 pA at 3V; $I_{REV} < 500 \text{ pA}$	80
IC2A	$I_{IN} < 25 \text{ pA}$	80
IC1	$I_B < 5 \text{ pA}$ at $V_{CC} = 5V$	90
IC2A, IC2B	Must toggle with 3.6-nsec-wide (at-50%-level) input pulse	80