

TABLE A PICOSECOND EDGE GENERATORS ARE SUITABLE FOR RISE-TIME VERIFICATION

MANUFACTURER	MODEL	RISE TIME	AMPLITUDE	AVAILABILITY	COMMENTS
Avtech	AVP2S	40	0 to 2V	Current production	Free-running or triggered operation, 0 to 1 MHz
Hewlett-Packard	213B	100	≈175 mV	Secondary market	Free-running or triggered operation to 100 kHz
Hewlett-Packard	1105A/ 1108A	60	≈200 mV	Secondary market	Free-running or triggered operation to 100 kHz
Hewlett-Packard	1105A/ 1106A	20	≈200 mV	Secondary market	Free-running or triggered operation to 100 kHz
Picosecond Pulse Labs	TD1110C/ TD1107C	20	≈230 mV	Current production	Similar to discontinued HP1105/1106/8A
Stanford Research Systems	DG535 OPT 04A	100	0.5 to 2V	Current production	Must be driven with stand-alone pulse generator
Tektronix	284	70ps	≈200 mV	Secondary market	50-kHz repetition rate, pretrigger 75 to 150 nsec before main output, calibrated 100-MHz and 1-GHz sine-wave auxiliary outputs.
Tektronix	111	500	≈±10V	Secondary market	Outputs 30 to 250 nsec, pretrigger output, external-trigger input, pulse width set with charge lines
Tektronix	067-0513-00	30	≈400 mV	Secondary market	60-nsec pretrigger putput, 100-kHz repetition rate
Tektronix	109	250	0V to ±55V	Secondary market	≈600-Hz repetition rate, positive or negative outputs, pulse width set by charge lines