



		ANALOG INNOVATIONS, Inc. 824 E. CATHEDRAL ROCK DRIVE PHOENIX, AZ 85048-6300 (480) 460-2350 FAX: (480) 460-2142	
Title: SINE from SUM of SQUARE WAVES			
Size	FileName:		REV
A	...\SquareSequenceSpectrum.sch		A
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\* Schematics Netlist \*

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R_R1      N_11 0 1K
V_V1      N_2 0      PULSE 1 -1      0 10n 10n 499.99u 1m
V_V3      N_1 N_2    PULSE {-1/3} {1/3} 0 10n 10n 166.6567u 333.3333u
V_V5      N_3 N_1    PULSE {-1/5} {1/5} 0 10n 10n 99.99u 200u
                                           <<--- NO 9th Harmonic
V_V7      N_4 N_3    PULSE {-1/7} {1/7} 0 10n 10n 71.41857u 142.8571u
V_V11     N_5 N_4    PULSE {-1/11} {1/11} 0 10n 10n 45.44455u 90.90909u
V_V13     N_6 N_5    PULSE {-1/13} {1/13} 0 10n 10n 38.45154u 76.92308u
V_V15     N_7 N_6    PULSE {1/15} {-1/15} 0 10n 10n 33.32333u 66.66667u <<--- SIGN Flip
V_V17     N_8 N_7    PULSE {-1/17} {1/17} 0 10n 10n 29.40176u 58.82353u
V_V19     N_9 N_8    PULSE {-1/19} {1/19} 0 10n 10n 26.30579u 52.63158u
V_V21     N_10 N_9   PULSE {1/21} {-1/21} 0 10n 10n 23.79952u 47.61905u <<--- SIGN Flip
V_V23     N_11 N_10  PULSE {-1/23} {1/23} 0 10n 10n 21.72913u 43.47826u
```

Square Sequence Spectrum

