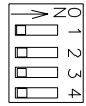


SLOW SHAPING  
1 DIFF., 1 INT., 2 INT.

1 & 3	2 & 4	T <sub>peak</sub> $\mu$ SEC.
OFF	OFF	1 $\mu$ SEC
ON	OFF	2.5 - 3 $\mu$ SEC
OFF	ON	3 - 3.5 $\mu$ SEC
ON	ON	5 $\mu$ SEC

1 & 2 EFFECTIVE IN BIPOLAR ONLY  
2 ON ADD 1  $\mu$ SEC  
1 ON ADD 2  $\mu$ SEC  
3 NOT CONNECTED  
4 ON = UNIPOLAR  
4 OFF = BIPOLAR

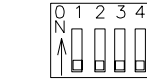
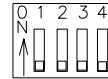
1st SLOW DIFF.



FAST GAIN



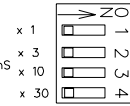
1st SLOW INT.



2nd SLOW DIFF.

FAST DIFF.

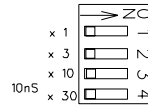
30ns



FAST GAIN

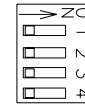


10ns



FAST INT.

2nd SLOW INT.



QUAD SHAPERS: QS1