

3 Example of Noise Suppression for USB's

Examples of transmission signal waveforms and noise suppressing effects in HS mode

An example of noise suppressing measures for the HS mode is described here.

For the HS mode, quality of the signal waveform is checked with eye patterns.

Common mode choke coil DLW21SN900SQ2 has little influence on the eye patterns. With the choke coil, noise emission can be reduced by approx. 5dB max.

	Eye pattern	Level Noise
No Filter		
Common Mode Choke Coil DLW21SN900SQ2		