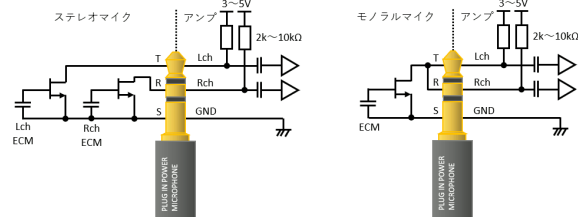
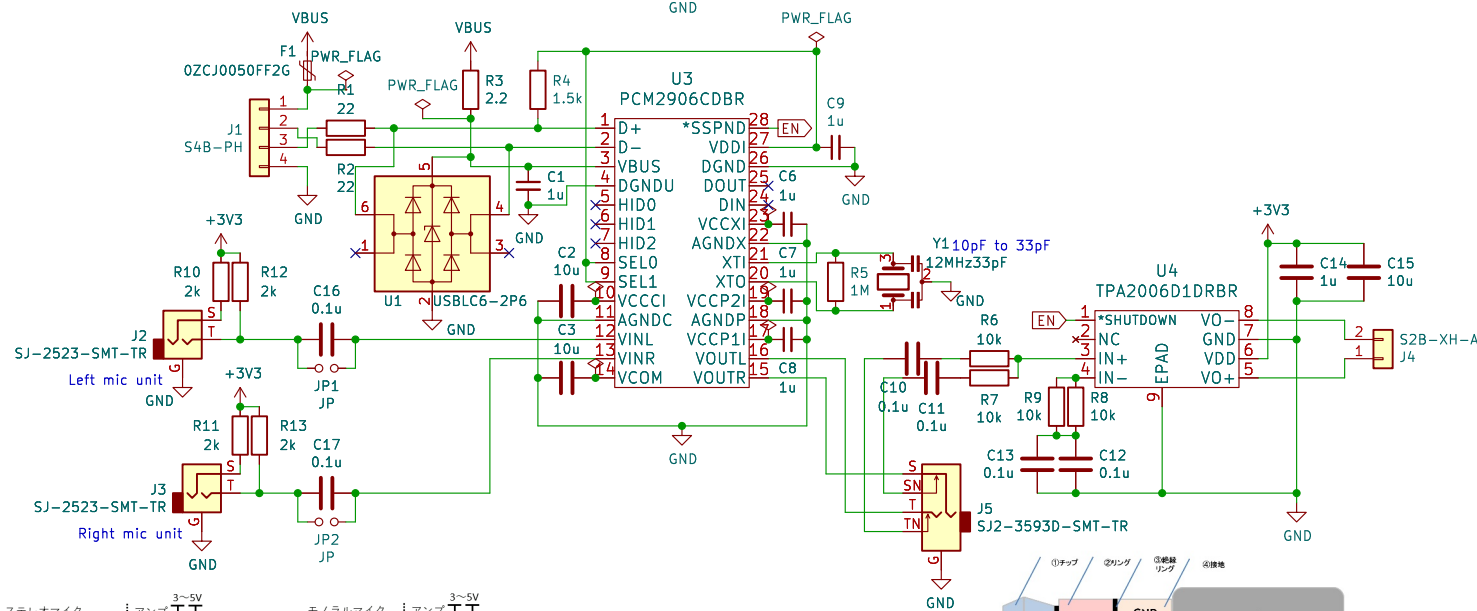
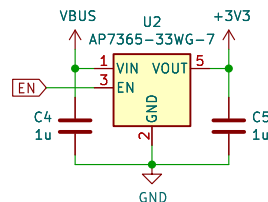
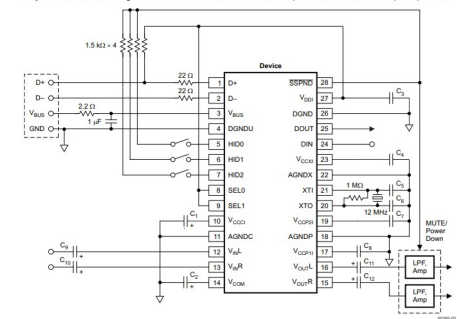


VBUS PWR\_FLAG  
PWR\_FLAG  
GND



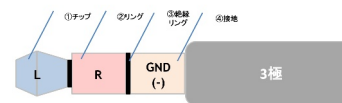
ECM (エレクトレットコンデンサマイクロフォン) の使い方

**TYPICAL CIRCUIT CONNECTION 2**  
Figure 37 illustrates a typical circuit connection for a simple application. The circuit illustrated is for information only. The entire board design should be considered to meet the USB specification as a USB-compliant product.



NOTE: C<sub>1</sub>, C<sub>2</sub>: 10 μF  
C<sub>3</sub>, C<sub>4</sub>, C<sub>5</sub>, C<sub>6</sub>: 1 μF (These capacitors must be less than 2 μF.)  
C<sub>7</sub>, C<sub>8</sub>: 10 μF to 33 μF (depending on crystal resonator)  
C<sub>9</sub>, C<sub>10</sub>, C<sub>11</sub>, C<sub>12</sub>: The capacitance may vary depending on design.  
In this case, the analog performance of the ADC may be degraded.

Figure 37. Bus-Powered Configuration



Noriaki Nakagawa

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