



NOTE: C<sub>1</sub>, C<sub>2</sub>: 10  $\mu$ F  
C<sub>3</sub>, C<sub>4</sub>, C<sub>7</sub>, C<sub>6</sub>: 1  $\mu$ F (These capacitors must be less than 2  $\mu$ F.)  
C<sub>5</sub>, C<sub>8</sub>: 10 pF to 33 pF (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**



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