

mic5205.pdf, page 8:

An output capacitor is required between OUT and GND to prevent oscillation  
.. 1.0 $\mu$ F minimum is recommended when CBYP is not used.

Most tantalum or aluminum electrolytic capacitors are adequate; film type will work, but are more expensive. Since many aluminum electrolytics have electrolytes that freeze at about  $-30^{\circ}\text{C}$ , solid tantalums are recommended for operation below  $-25^{\circ}\text{C}$ .

