SNR 0104-72.3: A supernova remnant located in the Small Magellanic Cloud, about 190,000 light years from Earth.
(Credit: X-ray (NASA/CXC/Penn State/S.Park & J.Lee); IR (NASA/JPL-Caltech))

Caption: A new composite image from NASA's Chandra X-ray Observatory (purple) and Spitzer Space Telescope (red and green) shows a supernova remnant with a different look. This object, known as SNR 0104-72.3 is in the Small Magellanic Cloud, a small neighboring galaxy to the Milky Way. Astronomers think that this object is the remains of a so-called Type Ia supernova caused by the thermonuclear explosion of a white dwarf, but it has a shape unlike any other in its class.

Scale: Full field image is 32.4 arcmin across.