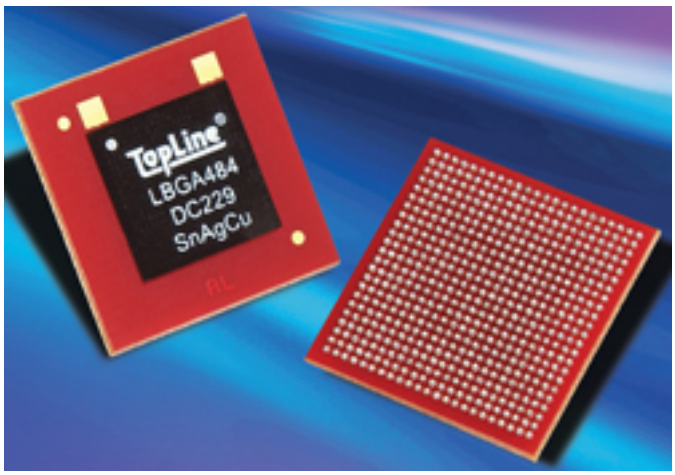
Adapters fit 0.50 mm devices to 1.00 mm boards



The Switch-A-Pitch Adapters from Aries Electronics have tops where the BGA landing pads are on a 0.50 mm pitch and the adapter bottoms are fitted with BGA balls on a 1.00 mm pitch. The suggested PCB pad size is 0.020" (0.50 mm) for a 1.00 mm pitch. Adapters feature non-solder mask defined (NSMD) pads finished with electroless nickel immersion gold (ENIG) and have solder spheres of 63/37 lead/tin or of lead-free SAC305 alloy. Boards are 0.062" (1.57 mm) thick FR4 or Rogers 370 HR with 1/2 oz. copper traces on both sides. The adapter can operate up to 221°F (105°C) for FR4 or up to 266°F (130°C) for lead-free. Pricing is $6.50 each in quantities of 1,000.

Aries Electronics
215-781-9956, www.arieselec.com [1]

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