

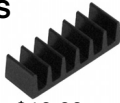
# HEAT SINKS

## HEATSINK FOR DIP DEVICES

Black anodized aluminum glue-on heatsink for DIP devices.

0.73" x 0.25" x 0.19" high.

**CAT# HS-332** 4 for 60¢ • 100 for \$10.00



## 31 X 16 X 11MM HEATSINK

Black anodized aluminum heatsink, 31 x 16 x 11mm high. The middle 16 x 16mm underside surface is prepped with thermal compound. Designed for a device, 16mm wide. **CAT# HS-154** 45¢ each



## DIP HEATSINK

Thermalloy THM 6010. 0.75" x 0.6" aluminum heatsink to dissipate heat from DIP parts. 0.2" wide center strip.

**CAT# HS-132** 5 for \$1.00 • 100 for \$15.00



## TO-220 HEATSINKS

Thermalloy # THM6079. Black anodized heatsink. 0.75" x 0.52" x 0.5" h.

**CAT# HS-122** 4 for \$1.00  
100 for \$15.00 each



Thermalloy #THM 6084. Black anodized aluminum. 0.75" x 0.53" x 0.34" high.

**CAT# HS-159** 4 for \$1.00  
100 for \$15.00 each



Black anodized aluminum, 0.75" x 0.55" x 0.51" high.

**CAT# HS-326** 25¢ each  
100 for \$20.00



WITH PC PIN  
**CAT# HS-325**  
25¢ each  
100 for \$20.00



## TO3 HEATSINK

Thermalloy # THM-6016 Black anodized aluminum heatsink for TO3 devices. 1.86" x 1.40" x 1.25" high.

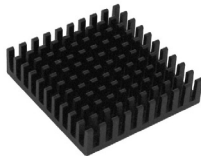
**CAT# HS-329** \$1.00 each  
10 for 85¢ each



## 43 X 45 X 10MM

Black anodized aluminum heatsink.

**CAT# HS-155**  
\$1.00 each



## 61 X 58 X 25MM HEATSINK

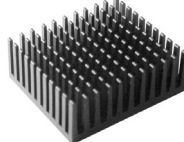
Black anodized aluminum heatsink. 61 X 58 X 25mm. 10 cooling fins. 4 mounting holes on 50 x 47mm centers.

**CAT# HS-324** \$2.00 each



## 2.10" x 1.85" x 0.79"

Black anodized heatsink,  
**CAT# HS-150** \$1.20 each  
10 for \$1.00 each  
100 for 80¢ each



## 42 X 46 X 18MM

Aluminum heatsink.

Prepped with a metal bracket for attachment of 40mm fan and hold-down clip, as well as a thermal patch and a gasket.

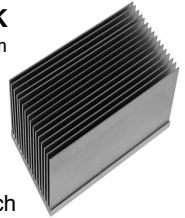
**CAT# HS-331** \$1.00 each



## TRAPEZOID HEATSINK

Heavy-duty galvanized aluminum heatsink. Lots of surface area for high-efficiency cooling. Trapezoidal shape, 4" x 2.5" x 2.25" high. Base is 0.24" thick. 16 cooling fins are glued into slots in the base.

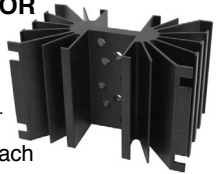
**CAT# HS-128** \$2.20 each



## LARGE HEATSINK FOR TWO TO-3 DEVICES

Anodized aluminum heatsink with lots of cooling area. Prepped for two TO3 devices. 122 x 76 x 76mm. 13 oz.

**CAT# HS-156** \$7.00 each



## 9.5" X 6.63" X 1.96", USED

6 lb, 2 oz anodized aluminum heatsink. There are some tapped holes in the bottom and side. Some shallow milled areas on bottom of heatsink. Removed from equipment.

**CAT# HS-620** \$18.00 each

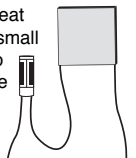


## THERMOELECTRIC COOLER PELTIER JUNCTION

These incredible miniature solid state heat pumps raise or lower temperature in a small area almost instantly. Current applied to the device will produce heat on one side and cold on the other side, up to 68° C difference between the two sides.

Modules can be mounted in parallel to increase the heat transfer effect or can be stacked to achieve high differential temperatures. Operate on 3-12 Vdc. Requires a heat sink to prevent overheating. Originally intended for 12Vdc use in picnic and automotive coolers/heaters. These new thermoelectric devices are prepped with a temperature cutoff switch. 127 thermocouples per device. DeltaTmax=79degC, T<sub>hot</sub>=50degC, V<sub>max</sub>=16.1V. 40MM x 44MM x 3.3MM. Q<sub>max</sub>=80.6W, I<sub>max</sub>=8.1A

**CAT# PJT-7** \$14.75 ea. • 10 for \$13.75 ea.



## LARGE THERMOELECTRIC DEVICE

12 Vdc heater / cooler assembly utilizes a Peltier device to create heat on one side and cold on the other. Driven by a 40 mm square Peltier thermoelectric heat pump, it operates on 13 Vdc @ 5 Amps. Operating at 13 Vdc, we measured the hot side at 190 Deg. F and the cold side at 55 Deg F.

The hot side of the Peltier device is connected directly to a 4.0" x 4.5" x 1.5" heatsink. The cool side connects via an aluminum block to another heatsink that is 5.0" x 5.0" x 1.25". Overall thickness is 3.8". 8" wire leads. Weight: 2.6 lb. Spec sheet available in PDF format on our website.

**CAT# PJT-10** \$35.00 each

