



# Short List of Potential Alloys

Raytheon



## Baseline:

**Sn/37Pb**

## Wave Solder:

**Sn/0.7Cu** (NEMI)

**Sn/Ag/Cu ?**

**Sn/Ag/Cu/Bi (<3% Bi)?**

## Reflow/Manual Solder:

**Sn/3.9Ag/0.6Cu** (NEMI)

**Sn/3.4Ag/4.8Bi\*** (further restudy - NCMS)

**Sn/3.1Ag/0.5Cu/3.1Bi** (H-Technologies)

\* *Alloy may have too much Bi to be economically feasible.*

