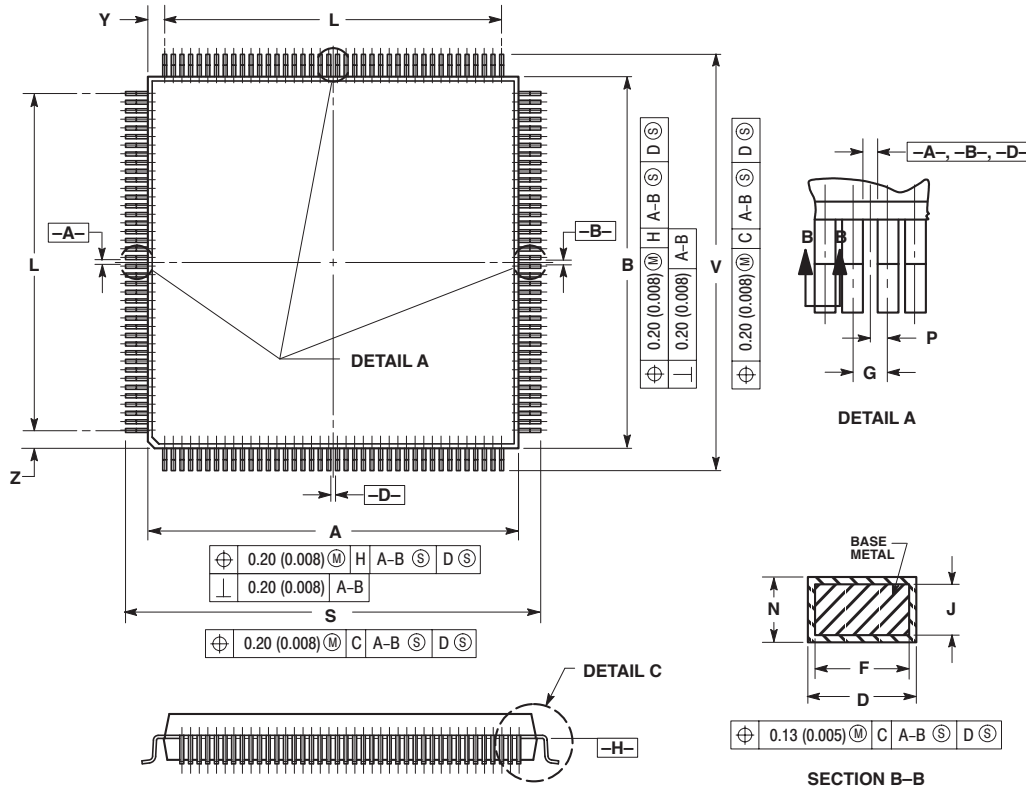


# SECTION 17 MECHANICAL DATA



- NOTES:
1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
  2. CONTROLLING DIMENSION: MILLIMETER.
  3. DATUM PLANE -H- IS LOCATED AT BOTTOM OF LEAD AND IS COINCIDENT WITH THE LEAD WHERE THE LEAD EXITS THE PLASTIC BODY AT THE BOTTOM OF THE PARTING LINE.
  4. DATUMS -A-, -B- AND -D- TO BE DETERMINED AT DATUM PLANE -H-.
  5. DIMENSIONS S AND V TO BE DETERMINED AT SEATING PLANE -C-.
  6. DIMENSIONS A AND B DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25 (0.010) PER SIDE. DIMENSIONS A AND B DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE -H-.
  7. DIMENSION D DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08 (0.003) TOTAL IN EXCESS OF THE D DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.

| DIM | MILLIMETERS |       | INCHES    |       |
|-----|-------------|-------|-----------|-------|
|     | MIN         | MAX   | MIN       | MAX   |
| A   | 27.90       | 28.10 | 1.098     | 1.106 |
| B   | 27.90       | 28.10 | 1.098     | 1.106 |
| C   | 3.35        | 3.85  | 0.132     | 0.152 |
| D   | 0.22        | 0.38  | 0.009     | 0.015 |
| E   | 3.20        | 3.50  | 0.126     | 0.138 |
| F   | 0.22        | 0.33  | 0.009     | 0.013 |
| G   | 0.65 BSC    |       | 0.026 REF |       |
| H   | 0.25        | 0.35  | 0.010     | 0.014 |
| J   | 0.11        | 0.23  | 0.004     | 0.009 |
| K   | 0.70        | 0.90  | 0.028     | 0.035 |
| L   | 25.35 REF   |       | 0.998 REF |       |
| M   | 5°          | 16°   | 5°        | 16°   |
| N   | 0.11        | 0.19  | 0.004     | 0.007 |
| P   | 0.325 BSC   |       | 0.013 BSC |       |
| Q   | 0°          | 7°    | 0°        | 7°    |
| R   | 0.13        | 0.30  | 0.005     | 0.012 |
| S   | 31.00       | 31.40 | 1.220     | 1.236 |
| T   | 0.13        | ---   | 0.005     | ---   |
| U   | 0°          | ---   | 0°        | ---   |
| V   | 31.00       | 31.40 | 1.220     | 1.236 |
| W   | 0.40        | ---   | 0.016     | ---   |
| X   | 1.60 REF    |       | 0.063 REF |       |
| Y   | 1.33 REF    |       | 0.052 REF |       |
| Z   | 1.33 REF    |       | 0.052 REF |       |

Mechanical Data

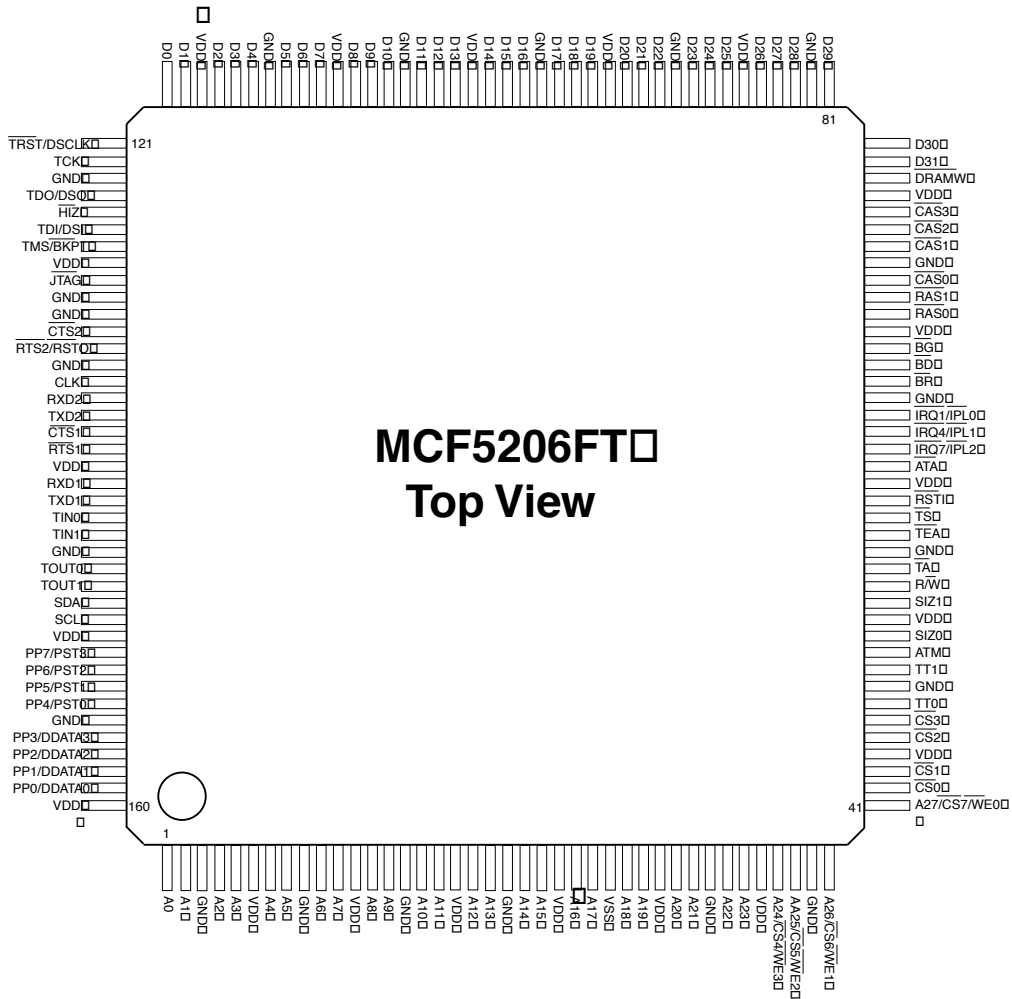


Figure 17-1. MCF5206 Pin-out