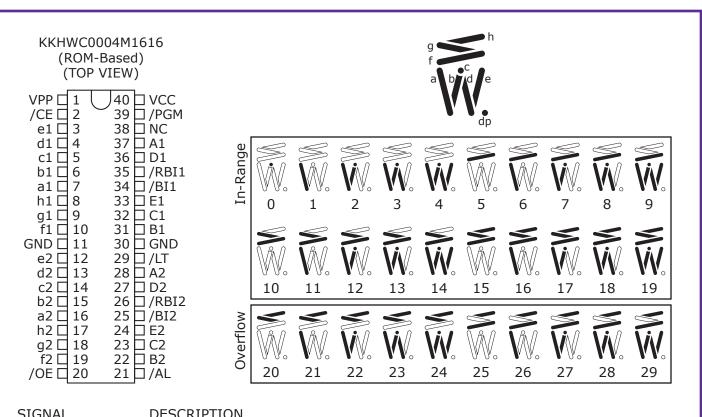


Dual BCD to Kaktovik Decoder



SIGNAL	DESCRIPTION
/AL	If HIGH, outputs will be HIGH when lit. If LOW, outputs will be LOW when lit.
/BI1, /BI2	Blanking input. When LOW, no segments will be lit regardless of other inputs.
/LT	Lamp test. When /BI is HIGH and /LT is low, all segments will be lit.
/RBI1, /RBI2	Ripple blanking input. When A, B, C, D, E, and /RBI are LOW, c will not be lit.
A1, A2 B1, B2 C1, C2 D1, D2 E1, E2	Ones value (least significant bit) of BCD input. Twos value of BCD input. Fours value of BCD input. Eights value of BCD input. Sixteens value (most significant bit) of BCD input.
a1, a2 b1, b2 c1, c2 d1, d2 e1, e2 f1, f2 g1, g2 h1, h2	Output for segment a; a numeric value of 1 when alone. (See diagram.) Output for segment b; with segments a and c, a numeric value of 2. Output for segment c; a numeric value of 0 (or 2 with a and b). Output for segment d; with segments abc, a numeric value of 3. Output for segment e; with segments abcd, a numeric value of 4. Output for segment f; a numeric value of 5 when alone. (See diagram.) Output for segment g; with segment f, a numeric value of 10. Output for segment h; with segments f and g, a numeric value of 15.

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