

\$6 5421 code to 84-2-1 using 3 to 8 decoders

with active low outputs & external gates. 43424,40 84-2-1 5421 0000 0000 0111 0001 0110 00 10 0101. 0011 0100 01001 1011. 0101 1010. 0110 1001. 0111 F 80 1000. 1111 1100 12 Y3 = 2m (5,6/7, 11,12)/(8,9,10,11,12) 72 = 5m (1, 2, 3, 4, 12)/(1,2,3,4,8,12) $Y_1 = \sum m(1, 2, 5, 6, 12)/(1, 2, 8, 3, 12)$ Yo= Em (1, 3, 5, 7, 12)/(1,38,10,12) 21 1M