Mux2

bin[3..0]

SEL[3..0]
DATA[15..0]
OUT

16' h02BA --

MUX

Mux3

SEL[3..0]
DATA[15..0]
OUT

16' h8692 --

MUX

Mux1

SEL[3..0]
DATA[15..0]
OUT

16' h208E --

MUX

Mux0

SEL[3..0]
DATA[15..0]
OUT

16' h1083 --

seg[6..0]

MUX

Mux4

SEL[3..0]
DATA[15..0]
OUT

16' hD004 --

MUX

Mux5

SEL[3..0]
DATA[15..0]
OUT

16' hD860 --

MUX

Mux6

SEL[3..0]
DATA[15..0]
OUT

16' h2812 --

MUX