

```
97  -- m is the multiplexer select signal which selects which of the seven
98  -- segment displays are turned on at any given time. There is a sequen
99  -- hierarchy in which cola overrules aqua, which overrules hash. If on
100 -- these signals = '1', the word is shown on the display, if none of t
101 -- signals = '1', price is shown on the two first seven seg displays w
102 -- sum is shown on the last two.
103 -----
104 process(m)
105 begin
106     if cola = '1' then
107         case m is
108             when "00" =>
109                 anTemp <= NOT "0001";
110                 d      <= "01010";
111             when "01" =>
112                 anTemp <= NOT "0010";
113                 d      <= "10010";
114             when "10" =>
115                 anTemp <= NOT "0100";
116                 d      <= "00000";
117             when "11" =>
118                 anTemp <= NOT "1000";
119                 d      <= "01100";
120             when others =>
121                 anTemp <= NOT "0000";
122                 d      <= "00000";
123         end case;
124     elsif aqua = '1' then
125         case m is
126             when "00" =>
127                 anTemp <= NOT "0001";
128                 d      <= "01010";
129             when "01" =>
130                 anTemp <= NOT "0010";
131                 d      <= "10011";
132             when "10" =>
133                 anTemp <= NOT "0100";
134                 d      <= "01001";
135             when "11" =>
136                 anTemp <= NOT "1000";
137                 d      <= "01010";
138             when others =>
139                 anTemp <= NOT "0000";
140                 d      <= "00000";
141         end case;
142     elsif hash = '1' then
143         case m is
144             when "00" =>
```