package NXT is
  pragma Pure (NXT);

  type Button_Id is
    (No_Button, Power_Button, Left_Button, Middle_Button, Right_Button);

  type Sensor_Id is (Sensor_1, Sensor_2, Sensor_3, Sensor_4);

  type Motor_Id is (Motor_A, Motor_B, Motor_C);

  type PWM_Value is range -100 .. 100;
  for PWM_Value'Size use 8;
  -- bounded pulse-width modulation values

  type Sensor_Power is (Standard_Power, RCX_9V, NXT_9V);

  type Color is (No_Color, Black, Blue, Green, Yellow, Red, White);

private

  Clock_Frequency : constant := 48_054_850;

  pragma Discard_Names (Button_Id);
  pragma Discard_Names (Sensor_Id);
  pragma Discard_Names (Motor_Id);
  pragma Discard_Names (Sensor_Power);
  pragma Discard_Names (Color);

end NXT;