Placeholder; Nick to write.

group | folder (conventional) name | "better" name | design type

-- | -- | -- | --

sound & light displays (outputs) |   |   |

  | 2colorLED |   | output

  | RGB\_LED |   | output

  | RGB\_SMD\_LED(3colorLED) |   | output

  | 7colorLED |   | output

  | activeBuzzer |   | output

  | passiveBuzzer |   | output

  | laser |   | output

  | 8segment\_digital\_tube | 1digitLEDdisplay | output

  | 4bit\_digital\_tube | 4digitLEDdisplay | output

light & infrared sensors |   |   |

  | photoResistor |   | analog input

  | infraredEmitter |   | output

  | infraredReceiver |   | digital input

  | lightBlock |   | digital input

  | flameSensor |   | hybrid input

  | obstacleAvoidance |   | digital input

  | trackingSensor |   | digital input

touch & impact sensors |   |   |

  | buttonSwitch |   | digital input

  | touchSensor |   | digital input

  | tiltSwitch |   | digital input

  | metalTouchSensor |   | hybrid input

  | knockSwitch |   | digital input

  | shockSwitch |   | digital input

  | joystick |   | analog input (x + y) + digital input (button)

sound sensors |   |   |

  | bigSoundSensor |   | hybrid input

  | smallSoundSensor |   | hybrid input

magnetic sensors |   |   |

  | miniReedSwitch | reedSwitch | digital input

  | reedSwitch | hybridReedSwitch | hybrid input

  | analogHall | | analog input

  | HallMagnetic | digitalHall | digital input

  | linearHall | hybridHall | hybrid input

temperature sensors |   |   |

  | analogTempSensor |   | analog input

  | hybridTempSensor |   | hybrid input

  | digitalTempSensor(DS18B20) |   | digital input

  | tempHumiditySensor(DHT11) |   | digital input

  |   |   |

miscellany |   |   |

  | smokeSensor |   | digital input

  | rotaryEncoder |   | digital input

  | relay |   | controller