

```

const int MPU_ADDR = 0x68; // I2C address of the MPU-6050

int16_t accelerometer_x, accelerometer_y, accelerometer_z;
int16_t gyro_x, gyro_y, gyro_z; // variables for gyro
int16_t temperature; // variables for temperature

char tmp_str[7]; // temporary variable used in conversion

char* convert_int16_to_str(int16_t i) { // conversion function
    sprintf(tmp_str, "%d", i);
    return tmp_str;
}

// Pins der LED-Matrix
// Pins of the LED matrix
int PinCLK = 7;
int PinCS = 6;
int PinDIN = 5;

LedControl lc = LedControl(PinDIN, PinCLK, PinCS, 8);

// Koordinaten der Würfelaugen in der LED-Matrix
// Coordinates of the Dice points in the LED matrix
int DicePic[8][6][2] =
{

```