



VCC 3.3V

GND B A

DCD DSR RTS CTS DTR RI T2IN R2OUT T2OUT R2IN IRLED IRIN

USB RX0 RX1 TX0 TX1 RX0 RX1 TX0 TX1

FT232PWR VCC POWER USB EXT USB +5V USB EXT

RS485 RX1 RX0 TX1 TX0 TX1 TX0 TX1 TX0

USB RX0 RX1 TX0 TX1

PEN PE0 PE1 PE2 PE3 PE4 PE5 PE6 PE7 PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7 PG3 PG4

MOSI3V SCK3V MISO3V

RS232 RX1 RX0 TX1 TX0 TX1 TX0 TX1 TX0

TERM DE

USB RX0 RX1 TX0 TX1

PF0 PF1 PF2 PF3 PF4 PF5 PF6 PF7

VZ +3.3V GND +5V

PB3 PB4 PB5 CS1_3V CS2_3V LDAC DACSDI DACSCK DACCS

PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7

PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7 PG2 PC7 PC6 PC5 PC4 PC3 PC2 PC1 PC0 PG1 PG0 A16 RCS

JTAG ISP

MISO CS1 CS2 FL_CS SD_CS FL_WP PB6 MOSI SCK PB7

PD0 PD1 SDA SCL

GRAPH LCD 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

JTAG ISP

BUZZ RTCINT 7-SEG LED SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8

GND CTR RW D0 D1 D2 D3 D4 D5 D6 D7 VCC LEDC

SDA SCL

OUT1 OUT2 OUT3 OUT4 OUT5 OUT6 OUT7 OUT8

1 2 3 4 5 6 7 8 TEMP

BKLITE CKOUT SDI CLK LE OE SDO LED1 LED2 LED3 LED4 LED5 LED6 LED7 LED8

MOMIK electronics TBA128 v1 Evaluation board

T6963C KS0107 LCD CONTRAST GRAPH CHAR PWM1 PWM2 MIN1 MIN2 MIN3 MIN4

IN1 IN2 IN3 IN4 IN5 IN6 IN7 IN8 OUT1 OUT2 OUT3 OUT4 OUT5 OUT6 OUT7 OUT8 GND VZ VM GND M1 M2 M3 M4 SPL GND SPR GND DACB DACA SPL SPR INL INR JL JR