MT8870

MT8870 DTMF Speech Decoding Module

• Working voltage: 5V
• Power Consumption: 500MW(MAX)r: 500 mw (MAX)
• On-board voice input interface
• On-board LED, it is very convenient to check the output state.
• Onboard 5 x LED indicators for easy viewing output state
• Operating Temperature : -40-+85 °C
• IO Drive : Current Maximum 10mA.
• PCB Size : 25.4x25.4MM
• This decoding module is for mobile and fixed telephone voice dialing decoding function
• Designed specifically for ARDUINO Board. Can also be used for other MCUs(AVR PIC MSP430 STM32 ARM7/9/10/11 FPGA/CPLD)
• Low power consumption
• Internal gain setting amplifier
• Onboard 3.5mm input interface
• 5 Channel interface
• On-board MT8870 frequency decoder chip
• Does not require external circuits or wiring, it can be inserted directly into the UNO/MEGA2560/DUE board to use.
• 12-Digital outputs decode mobile and fixed telephone keys (0-9, * #). Also, another 4 Digital output(ABCD) can use “DTMF Dial” for Software control.