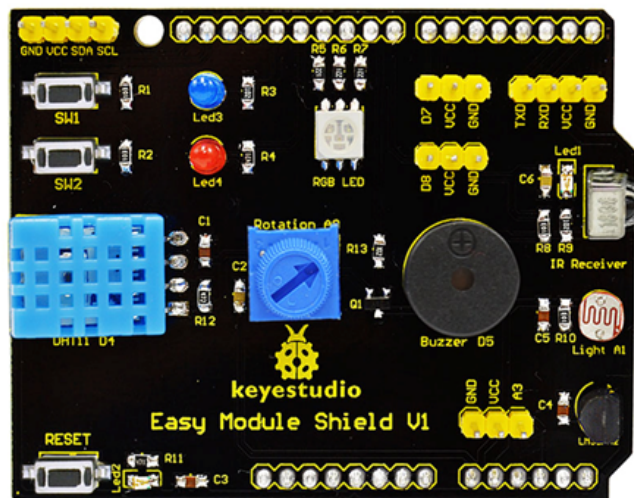
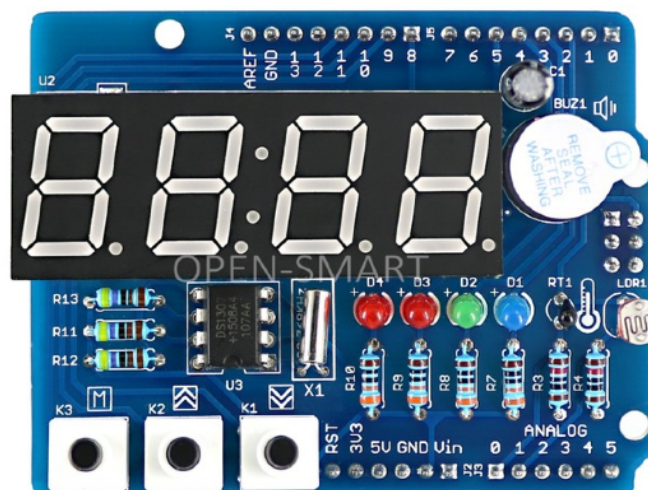


Pinouts for Arduino UNO and Multifunction Shields

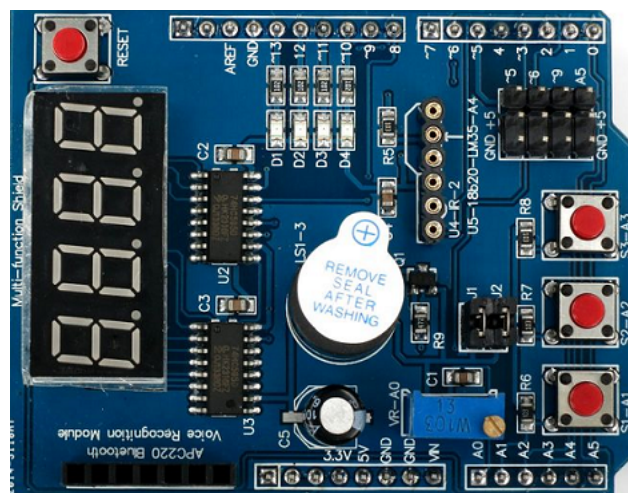
Digital pin (Dn)	Analog pin (An)	AVR pin	AVR port	AVR function(s)	AVR PWM		ProtoShield Plus	Multi-purpose shield V1	RTC shield	Multi-Function shield V2
0		2	PD0	RxD						Bluetooth header - tx
1		3	PD1	TxD					Blue LED	Bluetooth header - rx
2		4	PD2	INT0				Switch	Green LED	IR receiver
3		5	PD3	INT1, OC2B	Yes		Servo header	Switch	Red LED	Buzzer
4		6	PD4	T0, XCK				Humidity sensor	Red LED	7-seg display Pin latch
5		11	PD5	T1	Yes			Buzzer		header
6		12	PD6	AIN0	Yes			IR receiver		header
7		13	PD7	AIN1				header	7-seg display clock	7-seg display clock
8		14	PB0	CLK0, ICP1				header	7-seg display data	7-seg display data
9		15	PB1	OC1A	Yes			Red - RGB LED	K1 switch	
10		16	PB2	OC1B, SS	Yes			Green - RGB LED	K2 switch	Red LED
11		17	PB3	OC2A, MOSI	Yes		Red LED	Blue - RGB LED	K3 switch	Red LED
12		18	PB4	MISO			Green LED	Red LED		Red LED
13		19	PB5	SCK				Blue LED		Red LED
14	0	23	PC0				Switch array	Variable resistor	Temperature sensor	Variable resistor
15	1	24	PC1				Variable resistor	Light sensor	Light sensor	Switch 1
16	2	25	PC2					Temperature sensor		Switch 2
17	3	26	PC3					header		Switch 3
18	4	27	PC4	SDA					RTC I2C SDA	DS18B20 header
19	5	28	PC5	SCL					RTC I2C SCL	header



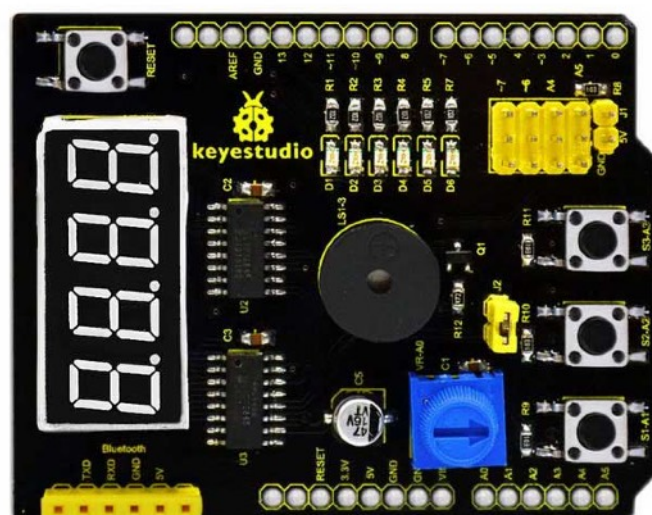
Keyestudio
Multi-purpose shield V1 (£7.50)



Open-Smart
RTC shield (£8.00)



HAILANGNIAO
Multi-Function shield V2 (£1.40)



Keyestudio
Multi-Function shield V2 (£7.50)