

IR-Blue Dual Mode Kit Bill of Materials				
Qty	Part	Description	Suggested Part Number	
2	10uF Capacitors	Capacitor	FK20X7R1C106K	
3	1uF Capacitors	Capacitor	FK24X7R1C105K	
2	22pF Capacitors	Capacitor	FK18C0G1H220J	
1	1N5819 diode	1N5819-E3/54 DIODE SCHOTTKY 1A 40V DO41	1N5819-E3/54	
1	PIC18F25K22	PIC MicroController 28-SOIC	PIC18F25K22-I/SO	
1	RF-BT0417C	MDFly Bluetooth 2 Module	RF-BT0417C	
1	1x5 Pin Header	Single row 5 pin breakaway header		
1	16MHz Crystal	CRYSTAL 16.000MHZ 18PF HC49/US	ABL-16.000MHZ-B2	
3	4.7k Resistors	Resistor	CF18JT4K70	
1	MLX90620	Thermopile Array sensor	MLX90620ESF-BAB-000-TU	
1	EG1213	SWITCH SLIDE SPDT 30V RT ANGLE	EG1213	
1	3.3V Voltage Regulator	IC REG LDO 3.3V .1A TO92	LP2950-33LPRE3	