

BME280 Tester Jed Margolin
 Uses SPI Display Rev 2 Board

RefDes	Value	Description	Lead Spacing
C1	220uF	Capacitor, Electrolytic	0.2"
C2	0.1	Capacitor, Monolythic Ceramic	0.1"
C3	0.1	Capacitor, Monolythic Ceramic	0.1"
C4	10uF	Capacitor, Electrolytic	0.1"
C5	0.1	Capacitor, Monolythic Ceramic	0.1"
C6	0.1	Capacitor, Monolythic Ceramic	0.1"
C7	10uF	Capacitor, Electrolytic	0.1"
C8	0.1	Capacitor, Monolythic Ceramic	0.1"
C9	0.1	Capacitor, Monolythic Ceramic	0.1"
C10	1000pF	Capacitor, Monolythic Ceramic	0.1"
C11	0.1	Capacitor, Monolythic Ceramic	0.1"
D1		Green LED	LED
J1		Male Header 1x4, 0.1" spacing	HDR-1x4
J2		Male Header 1x8, 0.1" spacing	HDR-1x8
J3		Male Header 1x2, 0.1" spacing	HDR-1x2
LCD1		LCD1602 16 x 2 16-position female header (0.1") for board 16-position male header (0.1") for LCD (4) M3 x 10 Nylon Standoffs, F-F (4) Nylon Washers M3 x 6 x 1 (8) M3 x 6 Screws	18.5 mm high 3 mm high eBay eBay eBay
PB1		Push Button Switch, PCB, 6*6*4.3mm, 4-pin	eBay
PB2		Push Button Switch, PCB, 6*6*4.3mm, 4-pin	
PB3		Push Button Switch, PCB, 6*6*4.3mm, 4-pin	
R1	200K	Resistor, carbon film, 1/4W 5%	RES400
R2	10K	Resistor, carbon film, 1/4W 5%	RES400
R3	10K	Trim Pot, 3362P	3362P
R4	100	Resistor, carbon film, 1/4W 5%	RES400
R5	4.7K	Resistor, carbon film, 1/4W 5%	RES400
SW1	SPDT	The SPDT switch pins are on 0.1" SWITCHSPDT	
SW2	SPDT	They are really inexpensive on eBay SWITCHSPDT "SS12D00G3 2 Position SPDT 1P2T 3 Pin PCB Panel Slide Switch".	
U1		7805	TO-220
U2		LD1117-3.3V	TO-220
U3		MSP430G2402IN20	PDIP
Miscellaneous		IC Socket with machine tooled pins (1) 20 pin	

For the Board

(4) M3x18 Nylon Standoffs F-F

(4) M3 x 6 Nylon Screws

eBay

eBay

Breadboard Jumper Wires 10cm Dupont Wire

Texas Instruments Launchpad MSP-EXP430G2ET