











R29	R28	R27	D5	R26	R25	P9															
R24	R23	R22	C16	C17	R21	D4	R20	C15		U6	C14	FB2	F1	Q1	D3)					
U5	J1	R17	R18	R19	R14	R15	R16	P6	P7	P8	P2	R11	R12	R13	R8	R9	R10	P3	P4	P5	U3 U4
		R2 R:		3 C7	Y1 •	RUI	+		C11	C12		C1 C:				FB1					
R7 (02 Re		D1	P1	R4	U2														

Comment	Description	Designator	Footprint	LibRef	Quantity
100n	Chip Capacitor 0402	C1, C2, C3, C4, C5, C13	Capacitor 0402	Capacitor 0402	
	Chip Capacitor, 22 pF,				
2u2	+/- 5%, 50 V, -55 to	C/ C0 C10	CAPACITOR 0603	Chip Capacitor 0603,	
202	125 degC, 0603 (1608 Metric), RoHS, Tape	C6, C9, C10	CAPACITOR 0003	Capacitor 0603	
	and Reel				
12p	Chip Capacitor 0402	C7, C8	Capacitor 0402	Capacitor 0402	
1u	Chip Capacitor 0402	C11	Capacitor 0402	Capacitor 0402	
10n	Chip Capacitor 0402	C12, C15, C16, C17	Capacitor 0402	Capacitor 0402	
10u	Chip Capacitor, 1206	C14	Capacitor 1206	Capacitor 1206	
19-237/R6GHBHC-	LED RGB CLEAR CHIP	D1	19337R6GHBHCA012T	LED RGB	
A01/2T	SMD R/A	ы		LED KOD	
RED	LED GREEN CLEAR	D2	FP-LTST-C190GKT-	CMP-22017-000005-1	
	CHIP SMD		MFG		
	Schottky Barrier Rectifier, 20 V, 1 A, -				
B5819W		D3, D4	SOD3716X135N	Schottky Barrier	
	DO-214AC (SMA),			Rectifier	
	RoHS, Tape and Reel				
Green	LED 0805	D5	Led 0603	LED 0805	
	NANO2(R) SIo-BIo(R)				
	Fuse, 0.5 A, 125 V, -55				
250 mA	to 125 degC, 2-Pin	F1	Fuse 1206	Fuse 1206	
	SMD, RoHS, Tape and				
	Reel				
600 @ 600 MHz	Ferrite Bead Murata BLM21AG601SN1D	FB1, FB2	Inductor 0805	Ferrite Bead	:
	Micro USB B Type				1
150 D M	Receptacle, -55 to 85	l.,	1401 V 40F4	UCD D A #	
USB_B_Micro	degC, 5-Pin SMD,	J1	MOLX-105133-0001_V	n2R_R_Wicto	
	RoHS, Tape and Reel				
10u	LQH32CN100K33L	L1	LQH32DN100K23L	Fixed Inductor	
iou	10uh	C1	EGITOZDIN IUUNZOL	i ixeu muuttul	
	Male Header, Pitch	1			
00.00.400=	2.54 mm, 1 x 3		HDRV10W90P254_1X3		
22-28-4033	Position, Height 8.38	P1	_1270X483X840P	Male Header 01x03	
	mm, Tail Length 3.18 mm, RoHS, Bulk	1			
	Male Header, Pitch				
	2.54 mm, 1 x 2				
	Position, Height 8.21		HDRV10W90P254_1X2		
Conn_01x02	mm, Tail Length 3.05	P2	_1270X483X840P	Male Header 01x02	
	mm, -65 to 105 degC,				
	RoHS, Bulk				
	Horizontal Surface				
	Mount Header, -55 to		HDRV10W90P254_1X4		
Conn_01x04	125 degC, 2 mm Pitch,	P3, P4, P5, P6, P7, P8	1270X483X840P	Male Header 01x04	
	4-Pin, Male, RoHS				
	SMT Male Header WR-				
	MPC3, with SMT				
662010231822	Solder Tabs, Vertical,	P9	HDRV10W90P254_2X5	Male Header 02x05	
002010231022	Dual Row, pitch 3	ľ ′	_1270X483X840P	Ividic Ficadel 02x03	
	mm, 10 pins				
	P-Channel MOSFET,				
	30 V, 4 A, -55 to 150				
1001011		Q1	SOT95P245X110-3N	P-Channel MOSFET	
AU3401A	degC, 3-Pin SOT-23-				
AU34UIA	degC, 3-Pin SOT-23- 3L, RoHS, Tape and				
	3L, RoHS, Tape and Reel				
47	3L, RoHS, Tape and Reel Chip Resistor 0402	R1, R2, R3	Resistor 0402	Resistor 0402	
47 10k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6	Resistor 0402	Resistor 0402	
47	3L, RoHS, Tape and Reel Chip Resistor 0402	R4, R5, R6 R7			
10k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12,	Resistor 0402	Resistor 0402	
47 10k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16,	Resistor 0402	Resistor 0402	1
47 10k 1k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25,	Resistor 0402 Resistor 0402	Resistor 0402 Resistor 0402	1
47 10k 11k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16,	Resistor 0402 Resistor 0402	Resistor 0402 Resistor 0402 Resistor 0402	1
47 10k 11k 22	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28	Resistor 0402 Resistor 0402 Resistor 0402	Resistor 0402 Resistor 0402	1
47 10k 10k 22 22 47k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20	Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402	1
47 10k 1k 22 22 47k 68k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603	1
47 10k 1k 22 22 47k 68k 15k	3L, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R21	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603	1
477 10k 11k 222 2474 568k 15k 270	si, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23	Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603	1
477 10k 11k 222 2474 568k 15k 270	SI, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 ARM Cortex-M4 32-	R4, R5, R6 R7 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24	Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603	1
477 10k 11k 222 2474 568k 15k 270	SI, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 Chip Resistor 0603 ARM Cortex-IM 32- bit MCU-FPU, 210	R4, R5, R6 R7 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24	Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603	1
47 10k 11k 22 22 47k 68k 15k 270 1k5	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Resistor 0603	R4, R5, R6 R7 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 STM32 ARM Cortex-	1
47 10k 11k 22 22 47k 68k 15k 270 1k5	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0402 Chip Resistor 0603 Chip Res	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R5, R20, R27, R28 R20 R21 R22 R22 R23 R24 R29	Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603	1
47 10k 11k 22 22 47k 68k 15k 270 1k5	3I., RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ABM Cortex-Ma 32- bit MCU+FPU, 210 DMPS, 1024 kB Flash, 192 kB Internal RAM, 192 kB Internal RAM, 191 kB intern	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R5, R20, R27, R28 R20 R21 R22 R22 R23 R24 R29	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 STM32 ARM Cortex-	1
47 10k 10k 12 22 27 47k 68k 15k 270 11k5	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 Chip Res	R4, R5, R6 R7, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R22, R28, R26, R27, R28 R22 R21 R22 R23 R24 R29	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 STM-LQFP64_M	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Sesistor 0603 Sesistor 0603 STIM32 ARM Cortex-M4	
47 10k 10k 12 22 27 47k 68k 15k 270 11k5	3I., RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ABM Cortex-Ma 32- bit MCU+FPU, 210 DMPS, 1024 kB Flash, 192 kB Internal RAM, 192 kB Internal RAM, 191 kB intern	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R5, R20, R27, R28 R20 R21 R22 R22 R23 R24 R29	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 STM-L0FP64_M SON127P800X600X80-	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 STM32 ARM Cortex-	
47 10k 10k 22 22 47k 68k 15k 270 11k5 STIM32F405RGT6	3I, RoHS, Tape and Reel Reel Chip Resistor 0402 Chip Resistor 0603 Chi	R4, R5, R6 R7, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R16, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R22 R23 R24 R29 U1	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 STM-LOFP64_M SON127P800X600X80-904-D	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 STM32 ARM Cortex-M4 W25N01GVZEIG	
47 10k 10k 22 22 47k 68k 15k 270 11k5 STIM32F405RGT6	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 Chip Res	R4, R5, R6 R7, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R22, R28, R26, R27, R28 R22 R21 R22 R23 R24 R29	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 RESISTOR 0603 STM-L0FP64_M SON127P800X600X80-	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Sesistor 0603 Sesistor 0603 STIM32 ARM Cortex-M4	
47 10k 10k 22 22 47k 68k 15k 270 11k5 STIM32F405RGT6	3I., RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ARM Cortex-M4 32- bit MCU+FU, 210 DMIPS, 1024 kB Flash, 1924 Bit Instrum RAM, 51 I/Os, 64-pin LQFP, 40 to 85 degC, Tray Flash memory Digital Pressure Sensor.	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 STM-LOFP64_M SON127P800X600X80-904-D	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 STM32 ARM Cortex-M4 W25N01GVZEIG	
47 10k 11k 222 24 47R 68B 15k 270 11k5 STIM32F40SRGT6 W25N01GVZEIG BBMP280	3I, RoHS, Tape and Reel Reel Chip Resistor 0402 Chip Resistor 0403 Chip Resistor 0603 Chi	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 STM-LOFP64_M SON127P800X600X80-904-D	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 Resistor 0603 STM32 ARM Cortex-M4 W25N01GVZEIG	
47 10k 11k 222 24 47R 68B 15k 270 11k5 STIM32F40SRGT6 W25N01GVZEIG BBMP280	SI, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 Chip Res	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R16, R16, R16, R25, R26, R27, R28 R21, R24 R22 R21 R22 R23 R24 R29 U11	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RE	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Re	
47 10k 11k 222 24 47R 68B 15k 270 11k5 STIM32F40SRGT6 W25N01GVZEIG BBMP280	3I., RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ARM Cortex-M4 32- bit MCU+FU, 210 DMIPS, 1024 kB Flash, 1924 Bil Internal RAM, 51 I/Os, 64-pin LQFP, 40 to 85 degC, Tray Flash memory Digital Pressure Sensor. Inertial Measurement Unit BOSCH Very low capacitance	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R16, R16, R16, R25, R26, R27, R28 R21, R24 R22 R21 R22 R23 R24 R29 U11	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RE	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Re	
47 10k 11k 22 22 24 47k 68k 15k 270 11k5 STIM32F405RGT6 W25N01GVZEIG BMP280 BMI088	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0403 Chip Resistor 0603 Chip Res	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1 U2 U3	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Barriage of the office of the	
47 10k 11k 22 22 24 47k 68k 15k 270 11k5 STIM32F40SRGT6 W25N01GVZEIG BMP280	3I, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ARM Cortex-M4 32- bit MCU+PfU, 210 DMPS, 1024 kB Flash, 192 kB Internal RAM, 511 Vos, 64-pin LOFP, 40 to 85 degC, Tray Flash memory Digital Pressure Sensor, Inertial Measurement Unit BOSCH Very low capacitance ESD protection, 3.5 F, 40 to 125 degC, 6- F, 40 to	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1 U2 U3	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603 RE	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Re	
47 10k 11k 222 477R 668R 15k 2770 11k5 STIM32F405RGT6 W25N01GVZEIG BMP280 BMI088	3I, RoHS, Tape and Reel Reel Chip Resistor 0402 Chip Resistor 0603 Chi	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1 U2 U3	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 RESISTOR 0603	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 Barriage of the office of the	
47 10k 11k 222 22 47R 68B 15k 15k 15k 270 11k5 STIM32F405RGT6 WZ5N01GVZEIG BMI08B BMI08B	si, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ARM Cortex-M4 32- bit MCU+FPU, 210 DMMPS, 1024 kB Flash, 192 kB Internal RAM, 511 Vos. 64-pin LOFP, 40 to 85 degC, Tray Flash memory Digital Pressure Sensor, Inertial Measurement Unit BOSCH Very low capacitance ESD protection, 3.5 pf. 40 to 125 degC, 6- Pin S0123, RoHS, Tape and Reel	R4, R5, R6 P7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R16, R16, R16, R16, R16, R26, R26, R27, R28 R20, R21, R22, R22 R21 R22 R23 R24 R29 U1	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0403 Re	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 BMID32 ARM Cortex-M4 WZ5N01GVZEIG BMP280 BMI088 ESD protection	
47 10k 11k 122 22 24 77K 858k 15k 15k 15k 15k 2770 11k5 STIM32F405RGT6 WZ5N01GVZEIG BMI088 BMI088	SI, RoHS, Tape and Reel Reel Chip Resistor 0402 Chip Resistor 0403 Chip Resistor 0603 Chi	R4, R5, R6 R7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R25, R26, R27, R28 R20 R21 R22 R23 R24 R29 U1 U2 U3	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0403 Re	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0403 Re	
47 10k 10k 1k 222 477K 558 155K 1770 11k5 STM32F405RGT6 W25N01GVZEIG BMP280 BMI088	si, RoHS, Tape and Reel Chip Resistor 0402 Chip Resistor 0603 ARM Cortex-M4 32- bit MCU+FPU, 210 DMMPS, 1024 kB Flash, 192 kB Internal RAM, 511 Vos. 64-pin LOFP, 40 to 85 degC, Tray Flash memory Digital Pressure Sensor, Inertial Measurement Unit BOSCH Very low capacitance ESD protection, 3.5 pf. 40 to 125 degC, 6- Pin S0123, RoHS, Tape and Reel	R4, R5, R6 P7 R8, R9, R10, R11, R12, R13, R14, R15, R16, R13, R14, R15, R16, R16, R16, R16, R16, R16, R16, R16	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0403 Re	Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0402 Resistor 0603 BMID32 ARM Cortex-M4 WZ5N01GVZEIG BMP280 BMI088 ESD protection	