

Qty	Designation	Package	Designator
13	33R/0603	R_0603_5MIL_DWS	R1,R2,R3,R5,R6,R7,R8, R12,R17,R18,R19,R24,R43
2	120R/0603	R_0603_5MIL_DWS	R35,R36
1	150R/0603	R_0603_5MIL_DWS	R23
1	220R/0603	R_0603_5MIL_DWS	R58
1	270R/0603	R_0603_5MIL_DWS	R25
3	430R/1%/0603	R_0603_5MIL_DWS	R26,R28,R30
3	820R/0603	R_0603_5MIL_DWS	R27,R29,R31
1	1.1K/1%/0603	R_0603_5MIL_DWS	R50
9	2.2K/0603	R_0603_5MIL_DWS	R37,R38,R39,R40,R47,R48, R51,R56,R57
8	4.7K/0603	R_0603_5MIL_DWS	R4,R9,R10,R11,R13,R14, R15,R16
2	5.1K/0603	R_0603_5MIL_DWS	R45,R46
1	8.2K/1%/0603	R_0603_5MIL_DWS	R49
9	10K/0603	R_0603_5MIL_DWS	R32,R42,R44,R54,R61, R60,R55,R62,R63
2	22K/0603	R_0603_5MIL_DWS	R20,R21
1	33K/0603	R_0603_5MIL_DWS	R22
1	49.9K/1%/0603	R_0603_5MIL_DWS	R53
1	100K/0603	R_0603_5MIL_DWS	R41
1	220K/0603	R_0603_5MIL_DWS	R52
1	RA1206_(4x0603)_4B8_100k	RA1206_(4X0603)_4B8_xx	RM1
2	27pF/C0G/50VDC/5%/0603	C_0603_5MIL_DWS	C55,C56
8	1nF/X7R/50VDC/0402	C_0402_5MIL_DWS	C9,C10,C11,C12,C14, C15,C16,C17
1	33nF/X7R/50VDC/10%/0603	C_0603_5MIL_DWS	C38
22	100nF/10V/20%/X5R/0402	C_0402_5MIL_DWS	C5,C6,C7,C8,C13,C18,C19, C20,C21,C26,C28,C29,C31, C32,C35,C39,C40,C41, C42,C58,C62,C63
20	10uF/6.3V/20%/X5R/0603	C_0603_5MIL_DWS	C1,C2,C3,C4,C22,C23,C24, C25,C27,C30,C33,C34,C36, C37,C43,C44,C45,C49, C59,C60
4	22uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C51,C52,C57,C61
6	47uF/6.3V/20%/X5R/0805	C_0805_5MIL_DWS	C53,C46,C47,C48,C50,C54
2	2.2uH/1.5A/3.00x3.00x 1.50mm/NRS3015T2R2MNGH	CD32	L5,L6
4	FB0805/600R/2A	L_0805_5MIL_DWS	L1,L2,L3,L4
2	1N5819S4/SOD123	SOD-123_1C-2A_KA	D6,D7
2	1N4148W/SOD123	SOD-123_1C-2A_KA	D1,D2
2	1N5822/SS34/SMA	SMA-KA	D4,D5
1	LED/YELLOW/0603	LED_0603_KA	CHARGING1
1	LED/RED/0603	LED_0603_KA	POWER1
1	WPM2015-3/TR	SOT23	FET3
3	BC817-40NPN(SOT23)	SOT23	Q2,Q4,Q5
1	Q12MHz/20pF/10ppm/4P/ 3.2x2.5mm	TSX-3.2x2.5mm_GND(3)	Q3
1	ASE-18.432MHZ-L-C-T	Oscillator-18.432MHz-3.2x2.5mm	Q1
1	APS6404L-3SQR-SN	SO-8	U4
1	USBL6-2P6	SOT-666	U6
1	EZ80F92AZ020EG(LQFP100)	LQFP-100_14x14_STM32H730VBT6	U1
1	AS7C34096A-10TCTR	TSOP-44_Pitch-0.8mm_18.8x11.8x1.2mm	U2
1	ESP32-PICO-D4	ESP32-PICO-D4	U3
1	BL4054B-42TPRN(SOT23-5)	SOT-23-5	U5
1	SY8089AAAC(SOT23-5)	SOT-23-5	U7

1	MT3608(SOT23-6)	SOT23-6	U8
1	CH340T(SSOP20W)	SSOP-20W	U9
1	VDA2710NTA(SOT-23)	SOT-23	U10
2	SN74LVC1G125DBVR	SOT-23-5	BUF1,BUF2
1	SN74LVC1G04DBVR	SOT-23-5	BUF3
1	BUZZER_PB1221P (1.1-1.7V_2kHz_12MM)	PB1221P_1-Plus_2-Minus	BUZ1
1	B3F-3150	B3F-31XX	RESET1
3	HN1x2	HN1x2_Jumper	BUZ_EN1,UART_DIS1, ESP_PROG1
1	VGA15	VGA15-F(CD0515S21J0)	VGA1
1	HN1x4	HN1x4	ACCESS_BUS1
1	AUDIO_JACK(SCJ325P00XG0B02G)	SCJ325P00XG0B02G	AUDIO1
1	B-R-10-LF(BH10R)2x05_90DEGREE	UEXT_BH10R	UEXT1
1	B-R-34-LF(BH34R)2x17_90DEGREE	BH34R	GPIO1
1	BH06S_2x3(B-D-02x3-LF)	BH06S	ZDI1
1	TFC-WPAPR-08-LF	TFC-WPAPR-08	MICRO_SD1
1	USB-C-16P-F(A40-00119-A52-12)	USB2.0_TYPE-C(A40-00119-A52-12)	USB1
1	USB-SRWH-4A-LF(USB-A)	USB_PN87520_HOST_PTH	USB_KEYBOARD1
1	DW02R	LIPO_BAT-CON2DW02R	BAT1
2	NA(BSS138(SOT23-3))	SOT23	FET1,FET2
2	NA(10K)	R_0603_5MIL_DWS	R33,R34
6	NA(GG0402052R542P)	D_0402_5MIL_DWS	TVS8,TVS9,TVS10, TVS49,TVS50,TVS51
45	NA	D_0402_5MIL_DWS	TVS1,TVS2,TVS3,TVS4, TVS5,TVS6,TVS7,TVS11, TVS12,TVS13,TVS14,TVS15, TVS16,TVS17,TVS18,TVS19, TVS20,TVS21,TVS22,TVS23, TVS24,TVS25,TVS26,TVS27, TVS28,TVS29,TVS30,TVS31, TVS32,TVS33,TVS34,TVS35, TVS36,TVS37,TVS38,TVS39, TVS40,TVS41,TVS42,TVS43, TVS44,TVS45,TVS46, TVS47,TVS48
1	NA	R_0603_5MIL_DWS	R59
1	NA	SMA-KA	D3