

Qty	Designation	Package	Designator
6	0R/R0402	R_0402_5MIL_DWS	R12,R43,R44,R46,R47,R134
2	0R_Board_Mounted	R_0402_5MIL_0R(Board_Mounted)	R2,R3
1	0.03R/1%/R1206	R_1206_5MIL_DWS	R128
12	22R	R_0402_5MIL_DWS	R42,R63,R71,R72,R74,R75,R91,R92, R106,R108, R135 ,R139
25	56R/1%	R_0402_5MIL_DWS	R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25, R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36, R37,R38,R39
1	100R/1%	R_0402_5MIL_DWS	R11
1	120R	R_0603_5MIL_DWS	R57
1	330R	R_0402_5MIL_DWS	R129
1	120R/1206	R_1206_5MIL_DWS	R122
3	243R/1%	R_0402_5MIL_DWS	R4,R8,R13
13	1k	R_0402_5MIL_DWS	R48,R49,R50,R61,R64,R65,R66,R67,R68, R69,R76,R105,R131
2	1.1k/1%/R0402	R_0402_5MIL_DWS	R98,R116
2	1.5k	R_0402_5MIL_DWS	R110,R111
9	2.2k	R_0402_5MIL_DWS	R41,R52,R70,R77,R78,R82,R101,R103,R109
1	3.01k/1%	R_0402_5MIL_DWS	R114
1	4.99k/1%/R0402	R_0402_5MIL_DWS	R115
1	5.6k	R_0402_5MIL_DWS	R87
2	6.81k/1%	R_0402_5MIL_DWS	R125,R126
1	8.25k/1%	R_0402_5MIL_DWS	R97
21	10k	R_0402_5MIL_DWS	R130,R80,R88,R93,R10,R51,R53,R55,R58, R73,R89,R104,R117,R118,R119,R121, R132,R136,R138,R140,R102
1	10k/1%/R0402	R_0402_5MIL_DWS	R113
1	12.1k/1%	R_0603_5MIL_DWS	R59
1	12.4k/1%/R0402	R_0402_5MIL_DWS	R112
1	13k/1%	R_0402_5MIL_DWS	R124
2	100k	R_0402_5MIL_DWS	R54,R60
1	200k/1%/R0402	R_0402_5MIL_DWS	R99
1	1M	R_0402_5MIL_DWS	R137
2	RA0805_(4X0402)_22R	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM3,RM4
1	RA0805_(4X0402)_4.7k	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM2
1	RA1206_(4x0603)_4B8_100k	RA1206_(4X0603)_4B8_xx	RM1
2	24pF/50V/5%/COG	C_0402_5MIL_DWS	C42,C43
2	33pF/50V/5%	C_0402_5MIL_DWS	C50,C49
1	1nF/2kV/10%/X7R	C_1206_5MIL_DWS_ISO	C71
1	1nF/50V/10%/X7R/C0402	C_0402_5MIL_DWS	C97
1	10nF/50V/10%/X7R/C0402	C_0402_5MIL_DWS	C40
84	100nF/10V/10%	C_0402_5MIL_DWS	C3,C5,C7,C8,C10,C14,C15,C16,C17,C18,C19,C20, C21,C22,C25,C26,C27,C28,C29,C30,C31,C32,C33, C36,C37,C38,C39,C53,C54,C55,C56,C57,C59,C60, C62,C65,C69,C70,C73,C74,C75,C77,C78,C80,C81, C82,C83,C84,C85,C96,,C120,C123C125C126C127, C140,C141,C142,C143,C144,C145,C146C151C152, C153,C154,C155,C156,C158,C159,C160C161C162, C165,C167,C173,C181,C184,C185,C186C187C188, C189,C190
18	1uF/10V/10%/X5R/C0603	C_0603_5MIL_DWS	C2,C4,C6,C58,C95,C108,C112,C114,C136, C137,C138,C139,C149,C150,C157,C163, C164,C166
5	4.7uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C99,C100,C109,C111,C124
30	10uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C1,C23,C24,C34,C35,C44,C86,C90,C91,C92,C93, C98,C101,C102,C103,C104,C105,C106,C107,C113, C115,C116,C117,C118,C119,C121,C134,C135, C147,C148
9	22uF/6.3V/20%	C_0603_5MIL_DWS	C47,C48,C52,C63,C64,C72,C76,C79,C122
12	47uF/6.3V/20%/X5R/C0805	C_0805_5MIL_DWS	C46,C51,C61,C87,C88,C89,C168,C169,C170, C172,C175,C176
1	2.2uH/3A/YS75/7x8	YS75_7X8MM	L8
5	2.2uH/1.5A/20%/3x3x1.5mm/ CD32(NR3015T2R2M)	CD32	L9,L10,L11,L12,L17

1	4.7uH/0805/LQM21FN4R7M70L	L_0805_5MIL_DWS	L13
8	FB0805/600R/2A	L_0805_5MIL_DWS	L1,L2,L3,L4,L7,L14,L15,L16
1	1N4007/SMA	SMA-KA	D1
1	1N5822/SS34/SMA	SMA-KA	D2
1	SMBJ6.0A	DO214AA_1(K)-2(A)	D4
2	1N5819S4(SOD123)	SOD-123_1C-2A_KA	D3,D5
1	LED/YELLOW/0603	LED_0603_KA	CHGLED1
2	LED/Red/0603	LED_0603_KA	PWRLED1,LED1
2	IRLML6402(SOT-23)	SOT23	FET2,FET4
1	BSS138(SOT-23)	SOT23	FET3
1	LMUN2211LT1G(SOT-23)	SOT23	T1
1	Q32.768kHz/12.5pF/ 2P/SMD1206	CM7V-T1A(Package-1206_3.20x1.50)	Q1
1	Q25MHz/20pF/20ppm/ 4P/3.2x2.5mm	TSX-3.2x2.5mm_GND(3)	Q3
1	SMD5032/24Mhz/20ppm/ 3.3V/-40+85	5032-4P_HCX-3S	CR1
1	FSMD035	FUSE-1206	FUSE1
1	AXP209(QFN-48)	QFN48-6x6mm-OLIMEX_V2	U18
3	SY6280AAC(SOT23-5)	SOT-23-5	U12,U13,U14
1	RT9026GFP(MSOP-10)	MSOP-10-EP_Pitch-0.5mm_	U19
1	IT66121FN	QFN64_9x9mm_Pitch_0.5mm	U8
2	K4B4G1646E-BMMA0CV	FBGA96(HYNIX_SAMSUNG_DDR3)	U2,U3
1	STM32MP157DAA1	LFPGA-448(Pitch-0.8mm_Pad-0.4mm)	U1
1	KSZ9031RXIC-TR	QFN48_1DRILL(PADPITCH-0.5MM)	U4
1	AT24C16C-SSHM-T	SOIC-8_150mil	U9
1	MT3608(SOT23-6)	SOT23-6	U10
1	SIT1050T(SOIC-8_150mil)	SOIC-8_150mil	U15
1	LD1117AG-AD-AA3-A-R	SOT223	VR1
2	SY8089AAAC(SOT23-5)	SOT-23-5	U11,U17
1	MCP121T475I-TT(SOT23-3)	SOT-23	U20
1	AP1231-3.3V(SOT23-5)	SOT-23-5	VR2
2	SIDE_WTCM-TR(3X4)	SW-TAKT3X4	PWRON1,RESET1
1	DF12(3.0)-40DS-0.5V(86)	Flash_Con[DF12(3.0)-40DS-0.5V(86)]	Flash_Con1
1	TM211Q01FM22	TM211Q01FM22	LAN1
1	USB-OTG(MSB-SW-5AB-LF)	USB_MINI_9PIN_SD	USB-OTG1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm(YDJ-1134)	PWR1
1	MALE-PAV16X-2x10-HIGH	GPH127SMT-02X10(PA-V16X-2X10-LF)	GPIO4
4	MALE-PAV16X-2x20-HIGH	GPH127SMT-02X20(PA-V16X-2X20-LF)	GPIO-1,GPIO-2,GPIO-3,LCD_CON1
1	HDMI-SWM-19	HDMI-SWM-19	HDMI1
1	TB3-3.5mm	TB3-3.5mm	CAN1
1	DW02R	LIPO_BAT-CON2DW02R	LIPO_BAT1
1	MICRO_SD(TFC-WPAPR-08)	TFC-WPAPR-08	MICRO_SD1
2	USB_A_VERTICAL	USB_A_VERTICAL_PTH	USB1,USB2
1	HN1x3	HN1x3	DBG1
3	Opened	SJ_1_SMALLER	BOOT1_VDD1,5V_E1,CAN_T1
2	Soldered	SJ_1_SMALLER	BOOT0_VDD1,BOOT2_VDD1
1	Opened(2-3)/Closed(1-2)	SJ_2_SMALL_12_TIED	3.3V/5.0V1
5	NA(100nF/10V/10%)	C_0402_5MIL_DWS	C9,C11,C12,C13,C41
6	NA	R_0402_5MIL_DWS	R40,R62,R81,R90,R120,R123
2	NA(24pF)	C_0402_5MIL_DWS	C66,C67
1	NA(24pF/50V/5%/COG)	C_0402_5MIL_DWS	C68
1	NA	C_0603_5MIL_DWS	C94
6	NA(47uF/6.3V/20%)	C_0805_5MIL_DWS	C174,C178,C179,C180,C182,C183
1	NA(5025)	FUSE-5025	FUSE2
2	NA(2.7nH/L0402)	L_0402_5MIL_DWS	L5,L6
4	NA(2k/1%)	R_0402_5MIL_DWS	R1,R5,R6,R7
2	NA(243R/1%)	R_0402_5MIL_DWS	R9,R14
4	NA/R0402	R_0402_5MIL_DWS	R45,R107,R133,R79
1	NA(10k)	R_0402_5MIL_DWS	R100
3	NA(RCLAMP0524P(SLP2510P8))	SLP2510P8_TEST	U5,U6,U7
1	NA(HN1X2)	HN1x2	BACKUP1
1	NA(22R)	R_0402_5MIL_DWS	R83