

Qty	Designation	Package	Designator
3	0R/R0402	R_0402_5MIL_DWS	R86,R89,R90
1	10R/R0402	R_0402_5MIL_DWS	R30
14	22R/R0402	R_0402_5MIL_DWS	R12,R17,R18,R19,R22,R24,R41, R42,R67,R75,R76,R78,R81,R79
3	120R/R1206	R_1206_5MIL_DWS	R37,R40,R50
3	330R/R0402	R_0402_5MIL_DWS	R8,R46,R47
2	680R/R0402	R_0402_5MIL_DWS	R48,R49
8	1k/R0402	R_0402_5MIL_DWS	R55,R68,R69,R70,R71,R72, R74,R80
1	1.1k/1%/R0402	R_0402_5MIL_DWS	R5
11	2.2k/R0402	R_0402_5MIL_DWS	R3,R7,R9,R10,R11,R26,R27, R31,R34,R45,R51
1	5.6k/R0402	R_0402_5MIL_DWS	R20
2	6.81k/1%/R0402	R_0402_5MIL_DWS	R64,R65
1	8.25k/1%/R0402	R_0402_5MIL_DWS	R4
22	10k/R0402	R_0402_5MIL_DWS	R1,R6,R14,R16,R21,R25,R28, R29,R32,R33,R36,R39,R52,R57, R58,R59,R60,R62,R73,R77, R82,R85
1	12.1k/1%/R0603	R_0603_5MIL_DWS	R53
1	13k/1%/R0402	R_0402_5MIL_DWS	R63
2	100k/R0402	R_0402_5MIL_DWS	R54,R83
1	1M/R0402	R_0402_5MIL_DWS	R2
3	RA0805_(4X0402)_22R	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM1,RM3,RM4
1	RA0805_(4X0402)_4.7k	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM2
1	RA1206_(4x0603)_4B8_100k	RA1206_(4X0603)_4B8_xx	RM5
2	33pF/50V/5%/COG/C0402	C_0402_5MIL_DWS	C47,C48
1	1nF/2kV/10%/X7R/C1206	C_1206_5MIL_DWS_ISO	C85
1	3.3nF/50V/10%/X5R/C0402	C_0402_5MIL_DWS	C43
36	100nF/10V/10%/X5R/C0402	C_0402_5MIL_DWS	C10,C11,C12,C14,C15,C17,C18, C19,C20,C21,C22,C23,C25,C28, C29,C33,C38,C39,C40,C41,C44, C45,C51,C53,C54,C56,C57,C59, C61,C62,C63,C77,C78,C79, C83,C84
1	1uF/10V/10%/X5R/C0603	C_0603_5MIL_DWS	C64
7	10uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C7,C8,C26,C27,C34,C36,C37
10	22uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C1,C5,C9,C13,C16,C46,C49, C52,C58,C60
15	47uF/6.3V/20%/X5R/C0805	C_0805_5MIL_DWS	C2,C3,C4,C30,C31,C35,C50, C55,C65,C66,C67,C68,C69, C70,C86
1	1N5822/SS34/SMA	SMA-KA	D1
1	1N4007/SMA	SMA-KA	D3
1	1N5819S4(SOD123)	SOD-123_1C-2A_KA	D4
1	SMBJ6.0A	DO214AA_1(K)-2(A)	D2
1	LED/Red/0603	LED_0603_KA	PWRLED1
1	2.2uH/3A/YS75/7x8	YS75_7X8MM	L1
9	FB0805/600R/2A	L_0805_5MIL_DWS	L2,L3,L4,L5,L6,L7,L8,L9,L12
1	BSS138(SOT-23)	SOT23	FET2
2	IRLML6402(SOT-23)	SOT23	FET3,FET1
1	Q25MHz/20pF/20ppm/ 4P/3.2x2.5mm	TSX-3.2x2.5mm_GND(3)	Q1
1	FSMD035	FUSE-1206	FUSE2
2	ESDS314DBVR(SOT-23-5)	SOT-23-5	TVS1,TVS2
1	IT66121FN(QFN-64)	QFN64_9x9mm_Pitch_0.5mm	U6
1	KSZ9031RNXCC-TR/QFN48	QFN48_1DRILL(PADPITCH-0.5MM)	U13

3	SY6280AAC(SOT23-5)	SOT-23-5	U10,U11,U12
2	SIT1050T(SOIC-8_150mil)	SOIC-8_150mil	U8,U9
1	MT3608(SOT23-6)	SOT23-6	U2
1	ES8388(QFN28)	QFN28_EP(29)_4.076x4.076x0.9m	U7
1	VDA4510CTA(SOT23-3)	SOT-23	U14
1	LD1117AG-AD-AA3-A-R	SOT223	VR1
1	TFC-WPAPR-08-LF	TFC-WPAPR-08	MICRO_SD1
1	CAMERA-OV2640-120 (FPV-WZB21-24-LF)	OV2640(FPV-WZB21-24-LF)	CAM1
2	USB_A_VERTICAL	USB_A_VERTICAL_PTH	USB1,USB2
1	USB-OTG(MSB-SW-5AB-LF)	USB_MINI_9PIN	USB-OTG1
1	DW02R	LIPO_BAT-CON2DW02R	LiPo_BAT1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm(YDJ-1134)	PWR1
1	HN1x3	HN1x3	DBG1
2	TB3-3.5mm(HD-351_3P)	TB3-3.5mm	CAN1,CAN2
1	TM211Q01FM22	TM211Q01FM22	LAN1
1	P-B-V-10-LF	GBH-254-SMT-10	UEXT1
2	P-B-V-40-LF	GBH-254-SMT-40	EXT1,RGB-LCD1
1	B-V-20-LF(GBH254SMT-20)	GBH-254-SMT-20	EXT2
1	FPA-VZA2-15-LF	TE_1-1734248-5	MiPi-LCD1
2	PJ-3.5-365-3P (SCJ325P00XG0B02G)	SCJ325P00XG0B02G	MICROPHONE1, HEADPHONES1
1	DF12(3.0)-40DS-0.5V(51)	Flash_Con[DF12(3.0)-40DS-0.5V(86)]	Flash_Con1
6	MALE-PAV16X-2x20-HIGH	GPH127SMT-02X20(PA-V16X-2X20-LF)	GPIO1,GPIO2,GPIO3,GPIO4, GPIO5,GPIO6
1	HDMI-SWM-19	HDMI-SWM-19	HDMI1
1	DSHP04TS-S	DSHP04TS-S-1.27mm_Half_4_Slide	BOOT_SW1
2	YTS-A016-X	YTS-A016-X	RST1,PWR2
2	Opened(2-3)/Closed(1-2)	SJ_2_SMALL_12_TIED	3.3V/5.0V1,3.3V/5.0V2
3	Opened	SJ_1_SMALLER	5V_E1,CAN_T1,CAN_T2
1	NA(10uF/6.3V/20%/X5R/C0603)	C_0603_5MIL_DWS	C6
2	NA(100nF/10V/10%/X5R/C0402)	C_0402_5MIL_DWS	C32,C24
1	NA(HN1X2)	HN1x2	BACKUP1
1	NA(15pF/C0402)	C_0402_5MIL_DWS	C42
2	NA(2.2k/R0402)	R_0402_5MIL_DWS	R92,R91
10	NA/R0402	R_0402_5MIL_DWS	R61,R13,R15,R35,R38,R43,R44, R66,R56,R84
1	NA(HAB-VCR-010-LF)	HAB-VCR-010-LF	ARM-JTAG1
3	NA(24pF/50V/5%/COG/C0402)	C_0402_5MIL_DWS	C80,C82,C81
3	NA(RCLAMP0524P(SLP2510P8))	SLP2510P8_TEST	U5,U3,U4
1	NA(22R/R0402)	R_0402_5MIL_DWS	R23
6	NA(47uF/6.3V/20%/X5R/C0805)	C_0805_5MIL_DWS	C71,C72,C73,C74,C75,C76
1	NA(5025)	FUSE-5025	FUSE1
2	NA(2.7nH/L0402)	L_0402_5MIL_DWS	L10,L11
1	NA(MCP121T475I-TT(SOT23-3))	SOT-23	U1
4	NA(560pF/50V/5%/NP0/C0603)	C_0603_5MIL_DWS	C87,C88,C89,C90
2	NA(0R/R0402)	R_0402_5MIL_DWS	R87,R88