

























	Low Voltage Power					
PWR5 AD_DA_PWM	Supply Sonnector CONNECTOR	AD_DA_PWM	True	Power Jack CON6	PWR2.5 CON6	
KEYI	Push Button Switch	BOOTO, BOOTI, KEYI, KEY2, KEY3		Tact Switch	Switch PB	
3.3V	Multicell Battery	BT1		Battery socket SMD	Battery	
BUZZER SV	BUZZER Capacitor,	BUZ1		BUZ1	BUZZER	
	Capacitor, Capacitor, Capacitor.					
	Capacitor, Capacitor,					
	Capacitor, Capacitor, Capacitor,					
	Capacitor, CAPACITOR,					
	Capacitor, CAPACITOR, Capacitor, Capacitor, Capacitor, Capacitor, Bipolar					
	Capacitor, CAPACITOR,					
	CAPACITOR, [NoValue], CAPACITOR,					
	CAPACITOR, CAPACITOR,					
	CAPACITOR, CAPACITOR, CAPACITOR, CAPACITOR, CAPACITOR, CAPACITOR,					
	CAPACITOR, CAPACITOR,					
	CAPACITOR,				CAP, CAP, CAP, CAP, CAP, CAP,	
	[NoValue] Capacitor (Semiconductor				CAP, CAP, CAP, CAP, CAP, CAP, CAP, CAP, CAP1, CAP, CAP, CAP, Cap- Bipolar, CAP1, CAP1, CAP1, Res,	
	SIM Modell				Bipolar, CAP1, CAP1, CAP1, Res,	
	Capacitor (Semiconductor SIM Model),	C1, C2, C4, C5, C6, C7, C8, C9, C11,			CAP1, CAP1, Res, CAP1, CAP1, CAP1, CAP1, CAP1, CAP1, CAP1, CAP1, Res, Cap Semi, Cap Semi, Cap Semi,	
	SIM Model), Capacitor (Semiconductor	C16, C17, C18, C19, C20, C22, C24, C25,			CAP1, CAP1, Res, Cap Semi, Cap	
	SIM Model),	C26, C27, C28, C29, C30, C31, C32, C33,				
	Capacitor (Semiconductor	C1, C2, C4, C5, C6, C7, C8, C9, C11, C16, C17, C18, C19, C20, C22, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C36, C38, C40, C41, C42, C43, C44, C46,		1	Semi, Cap Semi, CAP, CAP, CAP1,	1
100nF	SIM Model), Capacitor	C47, C48, C53, C55, C56, C57, C58, C59	<u></u> _	0805C	Ros, CAP1, CAP1, CAP1, CAP1, CAP1	4
10uF	Polarized Capacitor (Radial)	C3		0805C	Cap Pol1	
22uF	CAPACITOR	C10, C21, C23		1206	CAP_EL	
	Capacitor, Capacitor,			1	1	1
10pF	[NoValue] [NoValue]	C12, C13, C50, C51		0805C	CAP, CAP, Res, Res	
20-5	Capacitor, Capacitor,	014 015		00050	CAD CAD -	1
zupt	[NoValue]	C14, C15, C35 C34, C37, C49, C52, C54		ue05C	CAP, CAP, Res	ļ .
1uF 47uF,16V,T	Capacitor	C54 C39		0805C 1812	Res Cap2	
	Capacitor (Semiconductor					
1nF CAMERA	SIM Model)	C45 CAMERA		0805c IDC20	Cap Semi Component_1	
CAMERA CONB	CONNECTOR	CAMERA CAN-RS485		CONNECTORS	COMPONENT_1 CONB	
HDR2X25	Header, 25-Pin, Dual row	CN2, CN3		HDR2X25	Header 25X2	
DB9/FM	CONNECTOR	COM2		DB9/F	DB9	
Header34 1N5822	Schottky Diode	D1, D2, D3		IDC34 SMB	Header34 DIODE SCHOTTKY	
CONS		GH1, GH2, GH3, GH4		SCROW	CONB_1	
		JP1, JP3, JP4, JP5, JP6		SIP3	Jumper ³	
		JP2, JP7		SIP2	JP2	
πAG&SWD 10uH	la di salara	JTAG1 L1, L2, L3, L4		IDC20-COVER 0805L	Component_1 Inductor	
HR911105A	inductor	LAN		RJ11-LAN	Component_1	
Red	LED	LED1, LED2, LED3, LED4, LED5, LED6		LED1206-2	LED	
Speaker MIC	Loudspeaker	LS1 MIC1		CON2 CON2	Speaker	
MP1	NO.	MP1		Mark Point 3	TP	
MP2 220	Resistor	MP2 R1, R2		Mark Point 3 0805R	TP Res1	
220	Resistor	R3. R4. R5. R6. R7.		0805R	Mars I	
2K2 4.87K	Resistor	R8, R9, R10 R11		0805R	Res1	
	Resistor, [NoValue], Resistor, Resistor,					
	[NoValue]. [NoValue].					
	[NoValue], [NoValue],					
	RESISTOR, RESISTOR, Resistor, [NoValue], [NoValue], [NoValue],					
	[NoValue]. [NoValue].					
	[NoValue], [NoValue],				Res1, RES 0805, res1, res1, res1,	
	[NoValue]. Semiconductor				RES 0805, RES 0805, RES 0805,	
	Resistor, RESISTOR, Semiconductor				RES 0805, RES2, RES2, Resistor, RES	
	Resistor, Semiconductor Resistor.	R12, R13, R19, R21		1		1
	Resistor, [NoValue].	R12, R13, R19, R21, R22, R24, R25, R26, R27, R32, R33, R34, R35, R36, R37, R38, R39, R45, R47, R48,		ĺ	0805, RES 0805, RES 0805, RES 0805, RES 0805, Res Semi, RES2, Res Semi, RES2, Res Semi, RES Semi, RES 0805, RES	
	NoValue]. [NoValue]. [NoValue].	R35, R36, R37, R38, R39, R45, R47, R49		ĺ	Res Semi, Res Semi, RES 0805, RFS	
10K	[NoValue] [NoValue]	R49, R57, R63, R64, R65, R66		0805R	0805, RES 0805, RES 0806, RES 0805	
470R	[Armine]					- 2
22R		R14, R67		0805R	RES 0805	
		R14, R67 R15, R16, R60, R61 R17, R18, R51, R52		0805R 0805R	RES 0805	
0	Resistor Resistor	R15, R16, R60, R61		0805R 0805R 0805R	RES 0805 RES 0805	
0 1M	Resistor, Semiconductor	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56		0805R	RES 0805 Res1	
0 1M	Resistor, Semiconductor Resistor	R15, R16, R60, R61 R17, R18, R51, R52,		0805R	RES 0805 RES 0805 Res1 Res1, Res Semi	
0 1M	Resistor, Semicon ductor Resistor Resistor, Resistor, Resistor, Resistor, Resistor,	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56		0805R	RES 0805 Res1 Res1, Res Semi	
0 1M	Resistor, Semiconductor Resistor Resistor, Resistor, Resistor, Resistor, Resistor, [NoValue]	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50		0805R	RES 0805 Res1 Res1, Res Semi Res1, Res1, Res1, Res1, Res1	
0 1M	Resistor, Semicon ductor Resistor Resistor, Resistor, Resistor, Resistor, Resistor, [NoValue], [NoValue], Semicon ductor Resistor, [NoValue]	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50 R23, R28, R29, R30, R23, R28, R29, R30, R31, R40, R44, R46, R66		0805R 0805R 0805R	RES 0805 Res1, Res Semi Res1, Res1, Res1, Res1, Res1, Res1, Res1, Res1, RES1, Res1, RES 0805, Res Semi, RES 0805,	
	Resistor, Semicon ductor Resistor Resistor, Resistor, Resistor, Resistor, Resistor, NoValue], NoValue], Semicon ductor	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50		0805R 0805R 0805R 0805R	RES 0805 Res1 Res Semi Res1, Res Semi Res1, Res1, Res1, Res1, Res1, RES 0805, RES 0805 RES Semi, RES 0805 RES	
120 15K	Resistor, Semicon ductor Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, [No Value], [No Value], Semicon ductor Resistor, [No Value] RESISTOR	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50 R23, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, R55, R58		0805R 0805R 0805R 0805R 0805R 0805R 0805R	RES 0805 Ros1 Ros1, Res Sami Ros1,	
120 15K 1KS	Resistor, Semicon ductor Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Rovalue, No Value, Semicon ductor Resistor, MoValue, RESISTOR Resistor	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50 R23, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, R55, R58		0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R	Res 1 Res 1, Res 5 ami Res 1, Res 5 ami Res 1, Res 2 ami 2 a	
120 15K 1KS 49R9	Resistor, Semi-conductor Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor	R15, R16, R60, R61 R17, R18, R51, R52, R54, R56 R20, R50 R23, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, R55, R58		0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R	RES 0805 Ros1, Ros Semi Ros1, ROS1	
120 15K 1KS 49R9 Switch PB	Besistor, Semicon ductor Besistor Besistor Besistor Besistor, Recistor, Besistor, Recistor, Besistor, Recistor, Besistor, Recistor, Besistor, Besistor, Besistor	R1S, R16, R40, R61 R17, R18, R51, R52, R54, R56 R20, R50 R23, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, R55, R58 R59 R62 R-A1 R65ET, TAMPER, WAKEUP		0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 5096R 5096R	RES 0805 Ros1, Ros Semi Ros1, Ros1	
120 15K 1KS 49R9 Switch PB 33R Mini sd card	Resistor, Semicon ductor Besistor Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor Resistor Resistor Resistor	R1S, R16, R80, R81 R17, R18, RS1, RS2, RS4, RS6 R20, RS0 R22, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, RS5, RS8 R69 R62 R.A1 R.A1 RA2, RA3, R69 R63 R64 R65 R65 R65 R66 R66 R67 R67 R68 R69 R69 R64 R64 R65 R65 R65 R65 R65 R65 R65 R65 R65 R65		0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R	RES 0805 Res1, Res Semi Res1,	
120 15K 1KS 49R9 Switch PB 33R Mini sd card DIP-SW	Besistor, Semircon ductor Besistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Resistor, Besistor, Bovalural Besistor, Bovalural Resistor, Bovalural Resistor, Bovalural Resistor Resistor Resistor	R1S R16. R80. R81 R17, R18. R91, R92, R94, R96 R20, R30 R21, R28, R29, R30, R31, R42, R43, R89 R88 R41, R42, R43, R89 R85 R89 R81, R55, R58 R89 R81 R81, R42, R43, R89 R82 R84 R85, R15, R45, R85 R85 R85 R85 R85 R85 R85 R85 R85 R85		0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R	RES 0805 Ros1 Ros1, Ros2, Ros2	
120 15K 1KS 49R9 Switch PB 33R Mini sd card DIP-SW	Besistor, Semicon ductor Besistor Besistor Besistor Besistor, Recistor, Besistor, Recistor, Besistor, Recistor, Besistor, Recistor, Besistor, Besistor, Besistor	R1S, R16, R80, R81 R17, R18, RS1, RS2, RS4, RS6 R20, RS0 R22, R28, R29, R30, R31, R40, R44, R46, R68 R41, R42, R43, R69 R53, RS5, RS8 R69 R62 R.A1 R.A1 RA2, RA3, R69 R63 R64 R65 R65 R65 R66 R66 R67 R67 R68 R69 R69 R64 R64 R65 R65 R65 R65 R65 R65 R65 R65 R65 R65		0805R 50P8 Tact Switch 0805R A6C/SD 50T-23	RES 0805 Res1, Res Semi Res1,	
15K 1KS 49R9 5witch PB 33R Mini ad card DIP-SW 512301 BC817 DP83848CVV	Resistor, Semicon ductor Resistor, Resistor	BIS BEA BAC BAC HIT FIRE BIS FIRE BIS BIS FIRE BIS FIRE BIS FIRE BIS		00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 50P9 Tacl Switch 00058 00058 00058	865 0895 80x1 80x1 Res Somi 80x5 80x5 80x5 80x5 80x7 80x5 80x5 80x5 80x7 80x7 80x7 80x7 80x7 80x7 80x7 80x7	
120 15K 15K 11K 40R9 Switch PB 33R Mini sd card DIP-SW 52301 BCB17 DPB1848CVW BARRACUDA_256K	Resistor, Semicon ductor Resistor, Resistor	815 E16 802 802 117 (18 10 10 10 10 10 10 10 10 10 10 10 10 10		00058 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 50723 50723 50723 107940	RES 0005 Res1 Res1, Res1	
120 15K 15K 11K 40R9 Switch PB 33R Mini sd card DIP-SW 52301 BCB17 DPB1848CVW BARRACUDA_256K	Resistor, Semicon ductor Resistor, Resistor	RES RES AGO ROS 117, 178, 182, 183, 1832, 1834, 1836, 1834,		00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 1247 Switch 00059 00059 1247 Switch	865 0805	
120 15K 15K 11K 14989 Switch PB 33R Mini sd card DIP-SW 52301 BCB17 DP93848CVV BARRACUDA_256K ATZ-CO2	Resistor, Somiconductor Semiconductor Academ Resistor,	815 Ets. 800 8b1 FTY 781, 851 SE2, 850 SE2, 854 R56 SE2, 855 R56 SE2,		00058 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 50723 50723 50723 107940	85 085 MS	
120 15K 15K 1K5 4089 5Witch PB 33R Mini sd card DIP-SW 50201 BC617 DP81848CVV BARRACUDA_256K ATZVC02 SST25VF0168	Resistor, Somiconductor Semiconductor Semiconductor Semiconductor Section, Resistor, Resistor, Resistor, Resistor, Resistor, Semiconductor Session, Resistor, Resisto	815 Ets. 800 8b1 FTY 781, 851 SE2, 850 SE2, 854 R56 SE2, 855 R56 SE2,		00058 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 00059 50723 50723 50723 107940	85 085 MS	
120 15K 15K 15K 16K 16K 16K 16K 16K 16K 16K 16K 16K 16	Resistor, Semicon Section Sect	815 R16 800 801 P17 P18, R51 R52, R52, R54 R56		00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 50068 500733 500733 504735 5048 5048 5048 5048 5048 5048 5048 504	85 0050 Bos1 Bos1, Res Servi Bos5, Bos6, Res Servi Bos6, Res S	
120 15K 11K 11K 11K 10F	Resistor, Semiconductor Semiconductor Resistor, Resist	815 R16 800 BM 1817 R18, BS1, BS2, BS2, BS3, BS2, BS4, BS2, BS4, BS5, BS2, BS4, BS5, BS4, BS5, BS5, BS5, BS5, BS5, BS5, BS5, BS5		00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00059 50069 5007 5007 50723 50723 50723 50743 50743 50743 50743 50743 50743 50743	865 0855 Bost 1 Bost 1, Res 5, Rev 1, Best 1 Bost 1, 1,	
120 15K 15S 15S 15S 15S 15S 15S 16990 Switch PB 338 Mini sd card DP 58V 252001 866817	Resistor, Semicon Section Sect	813 E16 800 861 877 FEB 851 882 884 885 882 884 885 882 884 885 882 884 885 882 885 882 885 885 882 885 885 885		00058 00058 00058 00058 00058 00058 00058 00058 00058 00058 00059 10059	85 0005 Best 1 Best 1, Rest 5, Rest 5, Rest 1,	
120 15K 15S 15S 15S 15S 15S 15S 16990 Switch PB 338 Mini sd card DP 58V 252001 866817	Bostinor, Senton	#15 E16 800 Bb1 #17 FEE 800 Bb		00058 00058	85 G005 Bost 1 Bost 1, Rost Service Bost 1, Rost 1, Ro	
120 155 155 155 155 165 16999	Residence Reside	818 EL 80, 601 817 FEE 681, 802 820, 850 820, 850 820, 850 820, 850 820, 850 820, 850 820, 850 820, 850 820, 850 821, 850 820, 850 821, 85		00058 00058 00058 00058 00058 00059 00058	855 0005 Best 1 Res 1 Re	
120 155 155 155 155 155 155 155 155 156 156	Biochiory Biochi	913 E14, 800, 861 917, 618, 651, 862, 664 923, 654, 650 923, 654, 650 923, 654, 650 923, 654, 650 923, 654, 650 923, 654, 654 924 925, 654, 654 924 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654 925, 654, 654, 654 925, 654, 654, 654 925, 654, 654, 654 925, 654, 654, 654 925, 654, 654, 654, 654, 654 925, 654, 654, 654, 654, 654, 654, 654, 65		00058 00058 00058 00058 00058 00059	855 0805 Best Best Best Best Best Best Best Best	
120 156 157 158 158 158 159 159 159 159 159 159 159 159 159 159	Biosition, Section of	818 ELS ASS, 860 SM1 819 SR1, 851 SR2, 262 SR3 820 SR3 821 SR2, 824 SR3 821 SR2 821 SR2 822 SR3 823 SR3		00058 00058	855 0805 Biss 1	
130 156 157 158 158 159 159 159 159 159 159 159 159 159 159	Bedditter, description of the state of the s	#11 E16. 86. 86.1 #17 FEB. 86.5 86.1 #17 FEB. 86.5 86.1 #17 FEB. 86.5 86.2 #17 FEB. 86.5 86.2 #17 FEB. 86.2 #17 FE		00058 00058 00058 00058 00050 00	801 0005 Best Store Best 1 Rest 1 R	
130 156 155 158 159 169 169 169 169 169 169 169 169 169 16	Beddiller,	811 ELIA 806 BAL 1871 FBI, 861		00058 00058	801 0005 Best Store Best 1 Rest 1 R	
130 136 136 136 137 138 138 138 138 138 138 138 138 138 138	Beddistic autor Beddistic	818 EGL 850, 861 871 FEB. 881, 882, 882, 882, 882, 882, 882, 882,		00058 00059 00058	861 0805 Best Best Best Best Best Best Best Best	
130 156 157 158 158 159 159 159 159 159 159 159 159 159 159	Beddiller,	811 ELIA 806 BAL 1871 FBI, 861		00058 00058	801 0005 Best Store Best 1 Rest 1 R	