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Project: Variant:		MEGAphone.Pr None	Pcb	
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Footprint	Comment	LibRef	Designator	Description
Smart Card Connector 10P2VF-D-	Smart Card Connector 10P2VF-D-	Smart Card Connector 10P2VF-D-	11, 12, 13	
10P2VF-D- 141Y QFN14-	14X1Y TP963020	14X1Y TPS63020	1, 2, 3	High Efficiency Single Inductor Buck-Boost
SX4MM Prox Sensor	Proximity serow	APDS 9130	1, 2, 3, 4, 5, 6 APDS 1	High Efficiency Single Inductor Buck-Boost Converter with 4A Switch
BAT-2	Battery	Pomo.	871 872	Multicell Bettery
LGA50-1.0- 26X13.5MM	MOUDLE- BLUETOOTH-	MOUDLE- BLUETOOTH-	BT2	Multicell Battery Bluetooth 3.0 class 2 surface mount audio module with PCB trace antenna
	AUDIO-RN52- URM(50P- 26X13.5MM)	BLUE TOOTH- AUDIO-RN52- I/RM(SOP- 26X13.5MM) CMP-1036- 01531-1 CMP-1036-		
CAPC0805(2 012)100 N	Tour	CMP-1038- 01531-1	C1, C3, C4, C7, C15	CAP 39pF 100V ±2% 0805 (2012 Metric) Thickness 1mm SMD
012)100_N CAPC0806(2 012)100_N	100nF	CMP-1036- 01531-1	C2, O8, C10, C11	CAP 38pF 100V ±2% 0805 (2012 Merric) Thickness from SMD CAP 38pF 100V ±2% 0805 (2012 Merric) Thickness from SMD CAP 38pF 100V ±2% 0805 (2012 Merric) Thickness from SMD CAP 38pF 100V ±2% 0805 (2012 Merric) Thickness from SMD CAP 38pF 100V ±2% 0805 (2012 Merric) Thickness from SMD CAP 38pF 100V ±2% 0805 (2012 Merric)
CAPC0805(2 012)100_N CAPC0805(2 012)100_N	1F 1uF	CMP-1036- 01531-1 CMP-1036- 01531-1 CMP-1036- 01531-1	CS, C34	CAP 39pF 100V ±2% 0805 (2012 Metric) Thickness 1mm SMD
CAPC0805(2 012)100_N CAPC0805(2	4.7nF	O1531-1 CMP-1038-	C8, C9, C13, C14, C31, C32, C33 C12	Thickness 1mm SMD  CAR 30x5 1004 429 0805 (2012 Metric)  CAR 30x5 1004 429 0805 (2012 Metric)
012)100_N CAPC0805(2	0.1uF	01531-1 CMP-1036-	C16	Inconsist Irm SMD CAP 30pF 100V ±2% 0805 (2012 Merric) Thickness Irm SMD CAP 30pF 100V ±2% 0805 (2012 Merric) Thickness Irm SMD CAP 30pF 100V ±2% 0805 (2012 Merric) Thickness Irm SMD
012)100_N CAPC0805(2	1nF	01531-1 CMP-1036-	C17, C21, C22, C26, C27, C28, C29, C30	Thickness 1mm SMD CAP 39pF 100V ±2% 0805 (2012 Metric)
012)100_N CAPC0805(2 012)100 N	100uF	01531-1 CMP-1036-	C18, C23	Thickness 1mm SMD CAP 39pF 100V ±2% 0805 (2012 Metric)
012)100_N CAPC0805(2 012)100_N	150pF	01531-1 CMP-1036-	C19, C24	TRICOMASS INTER SMC 250 0805 (2012 Metric) Thickness 1mm SMD CAP 39pF 100V ±2% 0805 (2012 Metric) Thickness 1mm SMD CAP 39pF 100V ±2% 0805 (2012 Metric) CAP 39pF 100V ±2% 0805 (2012 Metric)
012)100_N CAPC0806(2 012)100_N SMB	820pF	01531-1 CMP-1036- 01531-1	C20, C25	CAP 39pF 100V ±2% 0805 (2012 Merric) Thickness 1mm SMD
SMB SMC	D Schotky Diode 3.6V MBR0540	01531-1 D Schottky Diode	D1 D2	CAP 19(P 100V 22% 0805 (2012 Metric) Thickness from SMD Schottky Dioda Default Dioda Default Dioda Default Dioda
SMC 6-0805_N SOD3716X13	3.6V MBR0540	D Zener Diode	D3 D8	Zener Diode Default Diode
5N SOD3716X13	MM3224VT1G	Diode	D9	Default Diode
5N LEDs	20mA	LED2	D10, D11, D12, D13, D14, D15, D16, D17	Typical RED, GREEN, YELLOW, AMBER GaAs LED
Female Header 50	50 Pin Header	50 Pin Header	J1, J2	
Pin DB0	D Connector 9	D Connector 9	J3	Receptacle Assembly, 9 Position, Right
Connector 15pinDSUB Connector	Connector 15	Connector 15	JS	Angle Receptacle Assembly, 15-Pin, Sim Line Connector
CUI_SJ- 43515TS-	SJ-43515TS- SMT	SJ-43515TS- SMT	J6	SJ Series 3.5 mm 16 V 4 Conductor SMT Mid Mount Stereo Audio Jack
4351515- SMT 1046421610	104642-1610	104642-1610	J44, J45	Molex 104642 Series 8 Way Micro SIM.
				MicroSD Memory Card Connector with Solder Termination
MOLEX_4721 9- 2001_47219.	47219-2001	47219-2001	J50	Solder Termination Conn Micro SD Card SKT 8 POS 1.1mm Solder RA SMD 0.5A/Contact Embossed TIR
s- 2001_47219- 2001(Primary )	l	1		
TE_2040343- 2_2040343-	2040343-2	2040343-2	J51	Micro USB MID MOUNT TYPE ASSY W/WELDING
2(Primary) INDC2013X1	Inductor Iron	Inductor Iron	Li	Magnetic-Core Inductor
40N 0402-A	Inductor SPEAKER	Inductor SPEAKER-2	L2, L3, L4, L5, L6, L7, L8 LS1, LS2	Inductor
Buzzer 51281-0694	Buzzer Touch Screen	Buzzer Header 302	LS3 P2	Magnetic Transducer Buzzer Header, 3-Pin, Dual row
TO-226-AA RESC0905/2	NPN 1K	NPN CMP-1013-	Q1 R1, R19, R23, R27	Neigheit: Harisduser Buzzer Header, 3-Pin, Dual row NPN Bipolar Transistor 10K 0.125W 1% 0805 (2012 Marie) SMD
012)_M VR5 RESC0805(2	RPot 22	00623-1 RPut CMP-1013-	R2	Potentiometer 10K 0.125W 1% 0805 (2012 Matric) SMD
012)_M RESC0805/2	10K	00623-1 CMP-1013-	R4 R5 R6 R7 R8 R0 R10 R11 R12	10K 0.125W 1% 0805 (2012 Matric) SMD 10K 0.125W 1% 0805 (2012 Matric) SMD
012)_M		00623-1	R4, R5, R6, R7, R8, R0, R10, R11, R12, R13, R14, R15, R16, R44, R45, R46, R56, R58, R64, R66, R75, R76 R17, R21, R25	
RESC0905(2 012)_M	4K	CMP-1013- 00623-1		10K 0.125W 1% 0805 (2012 Matric) SMD
RESC0805(2 012)_M RESC0805(2 012)_M RESC0805(2	2K 510	CMP-1013- 00623-1 CMP-1013- 00623-1 CMP-1013-	R18, R22, R26, R54, R57, R62, R65 R20, R24, R28	10K 0.125W 1% 0805 (2012 Maric) SMD 10K 0.125W 1% 0805 (2012 Maric) SMD
012)_M	0	CMP-1013- 00623-1 CMP-1013- 00623-1 CMP-1013- 00623-1	R20, R24, R28 R29, R30	10K 0.125W 1% 0805 (2012 Matric) SMD 10K 0.125W 1% 0805 (2012 Matric) SMD
012)_M RESC0905(2 012)_M RESC0905(2	100k	00623-1 CMP-1013-	R31, R32, R33, R34, R38	10K 0.125W 1% 0805 (2012 Maric) SMD
012)_M RESC0905(2			RSS	10K 0.125W 1% 0805 (2012 Metric) SMD
012)_M RESC0905(2	10	00623-1 CMP-1013-	R36	10K 0.125W 1% 0805 (2012 Metric) SMD
012)_M RESC0805(2 012)_M	490K	00623-1 CMP-1013- 00623-1	R37	10K 0.125W 1% 0805 (2012 Metric) SMD
RESC0905(2 012) M		CMP-1013-	R47, R49, R50	10K 0.125W 1% 0805 (2012 Metric) SMD
RESC0805(2 012) M	6R	00623-1 CMP-1013- 00623-1 CMP-1013-	R48	10K 0.125W 1% 0805 (2012 Metric) SMD
RESC0905(2 012)_M			R51, R63, R59, R61	10K 0.125W 1% 0805 (2012 Metric) SMD
012)_M RESC0805(2 012)_M RESC0805(2 012)_M RESC0805(2	10.7K	00623-1 CMP-1013- 00623-1 CMP-1013- 00623-1 CMP-1013-	R52, R80	10K 0.125W 1% 0805 (2012 Matric) SMD 10K 0.125W 1% 0805 (2012 Matric) SMD
012)_M RESC0805(2	220R	00623-1 CMP-1013-	R67, R68, R70, R71, R72	10K 0.125W 1% 0805 (2012 Maric) SMD
012)_M RESC0805(2	220	00623-1 CMP-1013-	R60, R73, R74, R77, R78, R79, R80, R81,	10K 0.125W 1% 0805 (2012 Maric) SMD
RESC0805(2 012)_M RESC0805(2 012)_M DPAD Rutters	DPAD	CMP-1013- 00623-1 CMP-1013- 00623-1 SW DIP-4 SW DIP-2 SW DIP-2, SW DIP-2, SW	R82 S1	
Button Black Button	Button Black Button	SW DIP-2 SW DIP-2, SW	52, 53 54, 518	DIP Switch, 4 Position, SPST DIP Switch, 2 Position, SPST DIP Switch, 2 Position, SPST, DIP Switch, 4 Position, SPST
Switch Slide SPDT	(Pair) SW-SPDT	DIP-4 SW-SPDT	S12, S13, S14, S15, S16, S19	4 Position, SPST SPOT Subministure Toggle Switch, Right Angle Mounting, Vertical Actuation Accelerometer
LGA- 16_3x3x1mm	LIS3DH	LIS3DH	UH	Accelerometer
S0T95P275X 110.5N	NCP1402	NCP1402	U2	
SOIC127P60 0X175-8N PW24	PCF8563T/F4,1 12 TCA9539	PCF8563T/F4,1 12 TCA9599	US	PCF8563 Series 1.8 - 5.5 V 250 mA Real- time Clock/Calendar - SOIC-8
	SN74LVC245AP	SN74LVC245AP	U4, U26, U33 U5	Octal Bus Transceiver With 3-State Outputs 20-TSSOP -40 to 125
120-20N J_SMD_4- 1734839-0-	LCD Connector	LCD Connector	U6	AV-1-3-3-07 -40 EI 125
1734839-0- 40_0.5_25.43 _5.1_2.05_4- 1734839-				
0(Primary)	l			
QFN50P400X 400X100-21N	SSM2518	SSM2518	ur .	
SCINBOP400X 400X80-10N	Battery Charger	Battery Charger	U8	bq25071
MOLEX_6791	4G_Modern	4G_Modern	U15	
0001 SON125P300	MS560702BA03-	MS560702BA03		MS5607-02BA03 Series 3 V 1 to 120 kPs Absolute Barometric Pressure Sensor
X500X100- 8N SOIC127P79	50 AMC1203PSA	50 AMC1203PSA	U17	
0X200-8N SOIC127P10		AMC1203PSA NOR Flish	U17 U18	Single Channel Single ADC Delta-Sigma 40ksps 16-bit Serial 8-Pin SOP Tube
30X265-16N SPW0690LM	SPW0690LM4H	MEMs	U19, U20, U29, U30	
4H-1 QFN-16_UD-		Microphone MLX90393	U21	
L MOLEX_6791 0001	4G_Modem2	4G_Modern	U22	
MICROCHIP	RN2483 LoRa Module	RN2483 LoRa Modula	U23, U24	
RN2483- L/RM006 SOT95P280X	Module FANS333BSX	Module FANS333BSX	USS	FANE333B Series 5.5 V 1 5 MHz Hark
SUI95P280X 145-5N RM_10	AD8592ARMZ	AD8592ARMZ	U27, U28	FANES338 Series 5.5 V 1.5 MHz High Efficiency High Current Serial LED Driver Imported
SOTI6P285X	REEL LPS061MF-	REEL LP5951MF-	US1	Micropower 150mA Low-Dropout _LDO_ CMOS Voltage Regulator 5-SOT-23 -40 to
120-5N	1.3/NOPB	1.3NOPB		125
	SN74HC74DT	SN74HC74DT	US2	Dual D-Type Positive-Edge-Triggered Flip- Flops With Clear and Preset 14-SOIC -40
SOIC127P60 0X175-14N				
SOIC127P60	WIFI Module 32.768kHz	Header 4002 XTAL	WEI YI	to 85 Header, 4-Pin, Dual row Crystal Oscillator