

REF-DES	Description	Qty	Manufacturer	PART NUMBER	SIZE	Value	VITELCOM P/N
D1	RF Schottky Barrier Diodes	1	Agilent	HMPS-2822		HMPS-2822	VMTDD000450141207
U4	Charge Pump for White LED	1	Analogic Tech	AAT3113ITP-20-TI		AAT3113ITP-20-TI	VMTICS00690TSOP12
CON4	32pin LCD connector	1	DDK	FF14-32C-R16B		FF14-32C-R16B	VMTCONS0047000032P
VRS9-20	VARISTOR,10PF,18V,1005	12	ICT	ICVL0518100Y500	1005	10PF	VMTVAR00160000402
VRS22-24 VRS26-27 VRS30 VRS34-36	VARISTOR,360PF,5.6V,1005	9	ICT	ICVN0505X150	1005	360PF	VMTVAR00230000402
VRS21 VRS28 VRS31	VARISTOR,480PF,5.6V,1005	3	ICT	ICVS0505481	1005	480PF	VMTVAR00270000402
VRS32-33	VARISTOR,550PF,9V,1608	2	ICT	ICVN1009A200	1608	550PF	VMTVAR00240000603
VRS40-44	VARISTOR,60PF,5.6V,1005	5	ICT	ICVL0505600V150	1005	60PF	VMTVAR00260000402
OSC1	X-TAL, 32.768KHZ,4.1*1.5	1	KDS	DST410	4.1*1.5	32.768KHZ	VMTCRS00160154107
Q2	TCXO, 19.2MHZ	1	KDS	DSA321SA		DSA321SA	VMTCRS00320322509
D2 D4	Switching Diode EMD2 Type	2	KEC	KDS160E	ESC	KDS160E	VMTDD00047000ESC2
Q6	GENERAL AMP, PNP	1	KEC	KTA1532T	TSM	KTA1532T	VMTTR00046000TSM3
Q4	GENERAL AMP, PNP	1	KEC	KTA2012E	ESM	KTA2012E	VMTTR00047000ESM3
Q5	GENERAL AMP, NPN	1	KEC	KTC4072E	ESM	KTC4072E	VMTTR00048000ESM3
Q108	NPN POWER TRANSISTOR,UMT3	1	KEC	KTN2222AU	UMT3	KTN2222AU	VMTTR000340000USM
U5	SMD type Microphone	1	KNOWLES	SP0102NC3-3		SP0102NC3-3	VMTMZU0011A000MIC
L8	IC,EMIFILTER,0.05OHM,2A,2012	1	MARUWA	CNH20F104Z-TM	2012	CNH20F104Z-TM	VMTIND00880000805
U116	IC,150mA CMOS LDO,SC70	1	MICRO CHIPS	TC1017-2.85V	SC70	LDO-2.85V	VMTREG0018000SC705
U21	Camera IC	1	MTekvision	MV3018SOK		MV3018SOK	VMTICS0252CABGA81
U100	RF SWITCH	1	MURATA	MM8430-2600RB3		MM8430-2600RB3	VMTCONS0029000002P
U16	RF Tx SAW Filter 5pin Unbalance type	1	MURATA	SAFEB836MAL0F00	1.4*1.1*0.6	SAFEB836MAL0F00	VMTFTS00570131006
U18	RF Rx SAW Filter 5pin Balance type	1	MURATA	SAFEB881MFM0F00	1.4*1.1*0.6	SAFEB881MFM0F00	VMTFTS00580131006
U13	SAW Duplexer	1	MURATA	SAFEB836MAL0F00		SAFEB836MAL0F00	VMTFTS00590383812
R151	THERMISTOR,CHIP,150k,±5%,2.8mw/K,0805	1	MURATA	NCP18WM154J03RB	603	THERMISTOR	VMTNTC00050000603
U12	AUDIO AMP	1	SEMICONDUCTOR NATIONAL	LM4898LD_LL	LLP	LM4898LD_LL	VMTICS00920LDA10B
L4 L16	INDUCSM,CHIP, 10NH,±5%, 250mA,1005	2	PILKOR	1005GC2T10NJ00	1005	10NH	VMTIND00770000402
L11	INDUCSM,CHIP, 120NH,±5%, 250mA,1005	1	PILKOR	1005GC2T121NJ00	1005	120NH	VMTIND00350000402
L12 L14-15	INDUCSM,CHIP, 2.7NH ± 0.3nH,0.22OHM,300mA,1005	3	PILKOR	1005GC2T2N7S00	1005	2.7NH	VMTIND00380000402
L13 L20 L23	INDUCSM,CHIP, 47NH,± 5%, 150mA,1005	3	PILKOR	1005GC2T47N#00	1005	47NH	VMTIND00530000402
L17	INDUCSM,CHIP, 8.2NH,± 5%, 150mA,1005	1	PILKOR	1005GC2T8N2#00	1005	8.2NH	VMTIND00760000402
L3 L5	INDUCSM,CHIP, 82NH,± 5%, 150mA,1005	2	PILKOR	LQG15HS82NJ02D	1005	82NH	VMTIND01190000402
U2	MSM6025 Digital-Baseband	1	Qualcomm	MSM6025		MSM6025	VMTICS0222FBGA208
U7	POWER MANAGEMENT IC	1	Qualcomm	PM6610		PM6610	VMTICS022300QFN32
U6	Rx ZIF chip	1	Qualcomm	RFR6122		RFR6122	VMTICS022400QFN32
U10	Tx ZIF Chip	1	Qualcomm	RFT6122		RFT6122	VMTICS022500QFN32
R2 R4-8 R10 R20 R36-40 R42-44 R61 R69 R71-72 R86 R122 R206-213 R215	RESSM,CHIP,0R,±5%,0.1W,1005	31	ROHM	RMC1/16S000JTH	1005	0R	VMTRS000140000402
R27 R88	RESSM,CHIP,100K,±5%,0.1W,1005	2	ROHM	RMC1/16S104JTH	1005	100K	VMTRS000110000402

R17	RESSM,CHIP,100m,±1%,0.1W,1608	1	ROHM	RMC1/16S100mFTH	1608	100m ±1%	VMTRS001560000603
R15 R30 R60 R64	RESSM,CHIP,100R,±5%,0.1W,1005	4	ROHM	RMC1/16S101JTH	1005	100R	VMTRS000350000402
R11-12 R16 R18 R28 R32 R56-57 R59 R73 R76 R94	RESSM,CHIP,10K,±5%,0.1W,1005	12	ROHM	RMC1/16S103JTH	1005	10K	VMTRS000100000402
R24 R63 R110-111	RESSM,CHIP,10R,±5%,0.1W,1005	4	ROHM	RMC1/16S100JTH	1005	10R	VMTRS000050000402
R34	RESSM,CHIP,11.8K,±1%,0.1W,1005	1	ROHM	RMC1/16S1182FTH	1005	11.8K ±1%	VMTRS001510000402
R99	RESSM,CHIP,121K,±1%,0.1W,1005	1	ROHM	RMC1/16S1213FTH	1005	121K ±1%	VMTRS001270000402
R112 R114	RESSM,CHIP,180K,±5%,0.1W,1005	2	ROHM	RMC1/16S184JTH	1005	180K	VMTRS001110000402
R13 R22 R25-26 R31 R96-98	RESSM,CHIP,1K,±5%,0.1W,1005	8	ROHM	RMC1/16S102JTH	1005	1K	VMTRS000250000402
R9 R109	RESSM,CHIP,1M,±5%,0.1W,1005	2	ROHM	RMC1/16S105JTH	1005	1M	VMTRS000210000402
R14 R133	RESSM,CHIP,1R,±5%,0.1W,1005	2	ROHM	RMC1/16S010JTH	1005	1R	VMTRS000340000402
R104 R116	RESSM,CHIP,2.2K,±5%,0.1W,1005	2	ROHM	RMC1/16S222JTH	1005	2.2K	VMTRS000240000402
R67	RESSM,CHIP,2.7K,±5%,0.1W,1005	1	ROHM	RMC1/16S272JTH	1005	2.7K	VMTRS000120000402
R100	RESSM,CHIP,200R,±5%,0.1W,1005	1	ROHM	RMC1/16S201JTH	1005	200R	VMTRS000790000402
R45-46 R65-66	RESSM,CHIP,20K,±1%,0.1W,1005	4	ROHM	RMC1/16S2002FTH	1005	20K ±1%	VMTRS000750000402
R103	RESSM,CHIP,22K,±5%,0.1W,1005	1	ROHM	RMC1/16S223JTH	1005	22K	VMTRS000410000402
R105	RESSM,CHIP,22K,±1%,0.1W,1005	1	ROHM	RMC1/16S2202FTH	1005	22K ±1%	VMTRS001520000402
R21	RESSM,CHIP,3.3K,±1%,0.1W,1005	1	ROHM	RMC1/16S3301FTH	1005	3.3K ±1%	VMTRS000760000402
R48	RESSM,CHIP,3K,±1%,0.1W,1005	1	ROHM	RMC1/16S302FTH	1005	3K ±1%	VMTRS001540000402
R1 R3	RESSM,CHIP,4.7K,±5%,0.1W,1005	2	ROHM	RMC1/16S472JTH	1005	4.7K	VMTRS000470000402
R58 R70	RESSM,CHIP,4.7R,±5%,0.1W,1005	2	ROHM	RMC1/16S4R7JTH	1005	4.7R	VMTRS000610000402
R150	RESSM,CHIP,470K,±1%,0.1W,1005	1	ROHM	RMC1/16S474FTH	1005	470K ±1%	VMTRS001090000402
R41 R49 R52 R80-82 R84-85 R87	RESSM,CHIP,470R,±5%,0.1W,1005	9	ROHM	RMC1/16S471JTH	1005	470R	VMTRS000460000402
R101-102 R106 R123	RESSM,CHIP,47K,±5%,0.1W,1005	4	ROHM	RMC1/16S473JTH	1005	47K	VMTRS000270000402
R55 R113	RESSM,CHIP,510K,±5%,0.1W,1005	2	ROHM	RMC1/16S514JTH	1005	510K	VMTRS001120000402
R51 R53 R221-223	RESSM,CHIP,51R,±5%,0.1W,1005	5	ROHM	RMC1/16S510JTH	1005	51R	VMTRS000070000402
R50 R227	RESSM,CHIP,6.2K,±5%,0.1W,1005	2	ROHM	RMC1/16S622JTH	1005	6.2K	VMTRS000130000402
R33	RESSM,CHIP,7.5K,±5%,0.1W,1005	1	ROHM	RMC1/16S752JTH	1005	7.5K	VMTRS001130000402
R149	RESSM,CHIP,80.6K,±1%,0.1W,1005	1	ROHM	RMC1/16S8062FTH	1005	80.6K ±1%	VMTRS001040000402
R23	RESSM,CHIP,82R,±5%,0.1W,1005	1	ROHM	RMC1/16S820JTH	1005	82R	VMTRS001230000402
U1	USB TRANSCEIVER,16-PIN MLF	1	SAMSUNG	S1M8720X	16-LPCC	S1M8720X	VMTICS02260LPCC16
L2 L7	BEAD,FERRITE,0.5OHM,200mA,1608	2	SAMWHA	CB1608GA601T	1608	BEAD	VMTIND00860000603
L6	BEAD,FERRITE,0.15OHM,750mA,1608	1	SAMWHA	CB1608PM121	1608	BEAD	VMTIND00850000603
OSC5	CERAMIC RESONATOR	1	S-CERA	IFR24P0T0SE38	2.5*2.0*1.2T	24MHZ	
OSC4	CERAMIC RESONATOR	1	S-CERA	IFR48P0T0SE30	2.5*2.0*1.2T	48MHZ	VMTCRS00330252010
U3	128(Flash)+32(SRAM) MCP	1	SILICON7	SV6C2832UTA-70P	8 x 11 x 1.4		
CON1	Camera Socket	1	SMK	CLE9024-0501F		CLE9024-0501F	VMTCNS0055000024P
U14	USB EMI FILTER	1	ST	USBUF01W6	SIT323	USBUF01W6	VMTICS0227SOT3236
CON2	POGO-PIN	1	SUYIN	250007MA003G404ZR	3PIN	250007MA003G404ZR	VMTCNS0054000003P

C1 C9-11 C13 C20 C22-23 C27-31 C37 C45 C47 C49 C51- 52 C55 C60 C67 C71-72 C75 C78 C80 C97-98 C100 C108 C125 C148-149 C153 C155 C163-164 C166 C199	CAPSM,CERAM,100NF,- 20TO+80%,16V,Y5V,1005	40	TDK	C1005Y5V1C104ZT	1005	100NF	VMTCP0007A000402
C19 C25 C33 C36 C38-39 C44 C54 C64 C74 C76 C84 C106 C116 C165 C184 C193-194	CAPSM,CERAM,100PF,±5%,50V,C0G,1005	18	TDK	C1005C0G1H101JT	1005	100PF	VMTCP00470000402
C3 C12 C18 C34 C83 C91-92 C103 C109 C123-124 C151 C167-171	CAPSM,CERAM,10NF,±10%,16V,X7R,1005	17	TDK	C1005X7R1C103KT	1005	10NF	VMTCP00220000402
C66 C85 C129	CAPSM,CERAM,10PF,±5%,50V,C0G,1005	3	TDK	C1005C0G1H100JT	1005	10PF	VMTCP00180000402
C73 C79 C81-82 C113 C121	CAPSM,CERAM,10UF,±10%,10V,X5R,1608	6	TDK	C1608X5R0J106KT	1608	10UF(1608)	VMTCP001920000603
C46	CAPSM,CERAM,10UF,±20%,6.3V,X5R,2012	1	TDK	C2012X5R0J106MT	2012	10UF(2012)	VMTCP000740000805
C130	CAPSM,CERAM,12PF,±5%,50V,C0G,1005	1	TDK	C1005C0G1H120JT	1005	12PF	VMTCP00060000402
C86-87	CAPSM,CERAM,150PF,±5%,50V,C0G,1005	2	TDK	C1005C0G1H151JT	1005	150PF	VMTCP000490000402
C315-316	CAPSM,CERAM,18PF,±0.8PF,50V,C0G,1005	2	TDK	C1005C0G1H180DT	1005	18PF	VMTCP00120000402
C42 C57 C63 C77 C95 C119 C191	CAPSM,CERAM,1NF,±10%,50V,X7R,1005	7	TDK	C1005X7R1H102KT	1005	1NF	VMTCP00110000402
C8 C14-15 C17 C21 C56 C58 C89 C105 C107 C111-112 C127-128 C162 C228	CAPSM,CERAM,1UF,±10%,10V,X5R,1608	16	TDK	C1608X5R1A105KT	1608	1UF(1608)	VMTCP00020000603
C94	CAPSM,CERAM,2.2NF,±10%,50V,X7R,1005	1	TDK	C1005X7R1H222KT	1005	2.2NF	VMTCP00290000402
C7 C26 C48 C61-62 C65 C70	CAPSM,CERAM,2.2UF,±10%,6.3V,X5R,1608	7	TDK	C1608X5R1A225KT	1608	2.2UF(1608)	VMTCP00040000603
C50	CAPSM,CERAM,2.7PF,±0.5PF,50V,C0G,1005	1	TDK	C1005C0G1H2R7DT	1005	2.7PF	VMTCP000580000402
C161	CAPSM,CERAM,22NF,±10%,16V,X7R,1005	1	TDK	C1005X7R1C223KT	1005	22NF	VMTCP000510000402
C2 C43 C53 C185	CAPSM,CERAM,27PF,±5%,50V,C0G,1005	4	TDK	C1005C0G1H270JT	1005	27PF	VMTCP000460000402
C40	CAPSM,CERAM,330NF,-20TO+80%,16V,Y5V	1	TDK	C1005Y5V1C334ZT	1005	330NF	VMTCP001980000402
C118	CAPSM,CERAM,330PF,±10%,50V,X7R,1005	1	TDK	C1005X7R1H331KT	1005	330PF	VMTCP000710000402
C93	CAPSM,CERAM,33NF,±10%,16V,X7R,1005	1	TDK	C1005X7R1C333KT	1005	33NF	VMTCP000520000402
C32 C122	CAPSM,CERAM,33PF,±5%,50V,C0G,1005	2	TDK	C1005C0G1H330JT	1005	33PF	VMTCP000080000402
C180	CAPSM,CERAM,4.7NF,±10%,25V,X7R,1005	1	TDK	C1005X7R1E472KT	1005	4.7NF	VMTCP000810000402
C24 C68 C110 C114 C120 C284	CAPSM,CERAM,470PF,±10%,50V,X7R,1005	6	TDK	C1005X7R1H471KT	1005	470PF	VMTCP000040000402
C90	CAPSM,CERAM,5.6NF,±10%,50V,X7R,1005	1	TDK	C1005X7R1H562KT	1005	5.6NF	VMTCP001160000402
C5-6 C158 C186-187	CAPSM,CERAM,8.2PF,±0.5PF,50V,C0G,1005	5	TDK	C1005C0G1H8R2DT	1005	8.2PF	VMTCP000680000402
CON3	I/O CONNECTOR,18PIN	1	TMX	TI05-18S-JBI	18PIN	TI05-18S-JBI	VMTCNS0065000018P
U11	POWER AMP,3*3	1	TriQuint	TQM710324	3*3	TQM710324	
C41	CAPSM,CONFORMAL,33UF,±10%,6.3V,3.7*1.8	1	VISHAY	592D336X06R3S2D	3.2*1.6	33UF/6.3V	VMTCP00050000CASES
U8	ALALOG SWITCH,MICROFOOT	1	VISHAY	DG3535DB	MICROFOOT	DG3535DB	VMTIC0022800BGA10
D106-111	LED VERDE LG-R971 25mA 65mW 0805	6		LG-R971	2012	LG-R971	VMTLD000110000805
C4 C16 C35 C66 C96 C99 C101 C115 C126 C132 C150 C200		12			1005	DNI	

C249		1			1608	DNI	
D3		1		KDS121E		DNI	
Q17		1		KRC403E	ESM	DNI	
L1 L9-10		3			1005	DNI	
R19 R54 R62 R120-121 R125-128 R130 R152-153		12			1005	DNI	
Q9		1		SI3443BDV-T1		DNI	
VRS1-8 VRS25 VRS29 VRS37-39		13			1005	DNI	
PL1	MAIN PCB	1	Beyond				
PL2	SHIELDING CAN, Z+Z (RF Cap/Body+BB Cap/Body)	1					
PL3	SPEAKER	1	OLE WOLFF	OWDM-1337L-8C			VMTPZU00240000ALT
PL4	Antenna	1	Fractus				
PL5	VIBRATION MOTOR	1	BYD	VB0408-030-RT-04A			VMTPZU00080000VIB
PL6	LCD Module	1	SVA	MH235CMA1A			VMTLCD0022128X128
PL7	CAMERA Module	1	Magnachip	HV7131RP-FB-SD74			VMTPZU00250000CAM
PL8	Battery	1	BYD	LP043048AH Pack			VMTBAT00230001000
PL9	DOME SHEET	1					VMTPZU007A00MDOME
PL10	Camera Cap	1					
PL11	Mic Cap	1					VMTPZS00280001000
PL12	RF Cap	1					