





























Comment	Designator	Description	Footprint	Quantity
0	R3, R14, R20	SMD_0603_ESC1608X55N		3
0	R4, R7, R8, R16, R17, R18, R19	SMD_0402_ESC1005X37N		7
1k2	R24	SMD_0603_ESC1608X55N		1
1nF	C26	Capacitor	SMD_0603_CAPC1608X95N	1
1R	R21		SMD_0805_ESC2012X60N	1
1R	R23		SMD_0603_ESC1608X55N	1
1uF	C2		SMD_0603_CAPC1608X95N	1
1.5nH	L1		SMD_0402_IND1005X55N - ANTENNA	1
2.2pF	C12		SMD_0201_CAPC0603X33N - ANTENNA	1
3k6	R22		SMD_0603_ESC1608X55N	1
10k	R1, R2, R5, R6, R11, R12, R13, R15	SMD_0603_ESC1608X55N		8
10k	R9, R10	SMD_0402_ESC1005X37N		2
10pF	C15		SMD_0402_CAPC1005X90N	1
10pF	C9, C31, C33, C35, C37, C39, C41	SMD_0603_CAPC1608X95N		7
10uF	C1, C3, C4, C13, C16, C18		SMD_0402_CAPC1005X90N	6
10uF	C5, C6, C27	[NoValue], [NoValue], Capacitor	SMD_0603_CAPC1608X95N	3
10uF	C7		SMD_0805_CAPC2012X95N	1
10uF/50V	C23		SMD_1210_CAPC3225X279N	1
15pF	C11		SMD_0402_CAPC1005X90N - ANTENNA	1
22uF	C10	CL32A227MQVNNE 220uF 6.3V 20% X5R 1210	SMD_1210_CAPC3225X279N	1
22uF	C22	Capacitor	SMD_0805_CAPC2012X145N	1
33pF	C14		SMD_0402_CAPC1005X90N	1
33pF	C30, C32, C34, C36, C38, C40		SMD_0603_CAPC1608X95N	6
100nF	C17, C19		SMD_0402_CAPC1005X90N	2
100nF	C8		SMD_0603_CAPC1608X95N	1
100uF	C20		SMD_1210_CAPC3225X279N	1
100uF	C24	Capacitor	SMD_CAPAE660X550N	1
100uF	C25	Capacitor	PTH_CAPP250-800X800	1
220uF	C29	Capacitor	SMD_CAPAE660X550N	1
220uH	L2	FPI0504 DA54	SMD_IND600500	1
220uH	L3		PTH_CAPP250-800X800	1
470uF	C21, C28	Capacitor	PTH_CAPP250-800X800	2
34063	U7	DC/DC converter	SMD_SOIC127P600X175-8N	1
ANTENNA_GPS_BT	A8		SMD_CHIP_ANTENNA_GPS_BT	1
ANTENNA_UFL	A1, A6, A10		SMD_CON_ANTENNA_UFL	3
AP9987GJ	Q3		PTH_TO220AB	1
ATTEND 207A-BBA0-R	J12		SMD_CON_MICRO_USB	1
ATTEND 207A-BBA0-R	J13		SMD_CON_CVILUX-CU04-SCM15B0	1
BC817	Q2, Q4		SMD_SOT23_SOT95P240X120-3N	2
BU33TD3WG	U4		SMD_SOT26_SOT95P285X140-5N - DLV	1
CON_1PIN	J8, J9, J10		PTH_MOUNT_HOLE	3
CON_2PINS	J1, J11, J23		PTH_HDRV02W64P254_1X02	3
CON_2PINS	J17, J24		PTH_MIC_6MM_2.7MM_PITCH1.9	2
CON_2PINS	J22		PTH_HDRV02W1106P0350_1X02	1
CON_3PINS	J16		PTH_HDRV03W64P254_1X03	1
CON_3PINS	J21		PTH_DC-POWER-JACK_210-112	1
CON_5PINS	J19		SIP5 - PGM	1
CON_13PINS	J14		SMD_CON-ATTEND_MICRO_SIM_115Q-BCA0	1
CON_13PINS	J5		NONE	1
CON_14PINS	J18		NONE	1
CON_20PINS	J6		NONE	1
DTC114YKA	Q1		SMD_SOT23_SOT95P240X120-3N	1
DT5M-62N	SW1		SMD_SW_TACT-64K_5	1
DW02S	J7		PTH_HDRV02W64P254_1X02_BATTERY	1
D_A1C3	D3	1N4148	SMD_SOT23_SOT95P240X120-3N	1
GSM SIMH	J4		SMD_CON-ATTEND_SIM_115B-AAA0-R01	1
HDRV 3P	J20		PTH_HDRV03W1106P0500_1X03	1
IC_PIC16F1454TESL-SO14	U2		SMD_SOIC127P600X175-14N	1
LD-MC-9765	J15		PTH_MIC_9.6MM_6MM	1
LED_CALL	D1		SMD_0805_LED2012X100N	1
LED_NETWORK	D2		SMD_0805_LED2012X100N	1
LED_YELLOW_GREEN	J2, J3		PTH_LED-KINGBRIGHT-L934SG	2
MCP73811 450mA	U6	MCP73812	SMD_SOT26_SOT95P285X140-5N - DLV	1
MOD_QUECTEL_MC60	U5		SMD_MOD_MC60_54_PIN	1
PCB	A5		SMD_CON_ANTENNA_GSM_PCB_1_INV	1
QUECTEL_L76	U1		SMD_MOD_L76_SOIC110P970X1010-18N	1
QUECTEL_L80 / L86	U3		SMD_MOD_L80_SOIC254P1600X1600-12N	1
RELAY_SPDT	K1		PTH_REL_RAS	1
SMA	A4, A7, A9		SMD_CON_ANTENNA_SMA_RIGHT_ANGLE	3
SS14	D4, D5		SMD_DO214AC_SMA	2
UFL	A2, A3		SMD_CON_ANTENNA_UFL	2