

Single-Level BOM with Reference Designators for 158-285-03/A

Qty:	Part Number:	Rev:	Description:	Reference Designators:
1	107-990-01	A	LABEL PCB and SERIAL NUMBER	
1	158-284-02	A	PCB BLANK BASECARD BAP (SWITCH FIX)	
1	165-308-01	A	IC PROGRAMMED 8MBIT APPLIC FLASH FOR BAP	U13
1	20000610	C	IC SDRAM 4M X 16 125MHZ 3.3V TSOP54	U14
1	20000844	A	IC 74LVC74 DUAL D FLIP-FLOP S0IC14	U10
1	20000859	A	IC RF LNA RF2472 3V SOT23-5	U2
1	20000869	A	IC IP PHONE PROCESSOR AGERE T8302 60MHZ 3.3V 272PBGA	U12
1	20000874	A	IC RF SPDT SWITCH 3V SC70-6	U5
1	20000877	B	IC FLASH 512K X 16 90NS 2.7-3.6V TFBGA48	U9
1	20000879	A	IC RF PA RF2172 3.3V MLF16	U4
1	20000888	B	IC MIC5219 LDO VOLTAGE REG 3.0V 0.3A SOT23-5	U8
1	20000925	C	IC BC2-URT CSR BLUECORE02 BLUETOOTH CONTROLLER VFBGA96 8X8MM	U7
1	20000935	A	IC MIC5207-1.8 LDO VOLTAGE REG 1.8V 0.2A SOT23-5	U3
1	20001058	A	IC LM2590HV-3.3 SWITCHING REGULATOR 3.3V TO-263	U1
5	21000652	B	DIODE SCHOTTKY RECT 2A 90V SMB	CR1 CR2 CR3 CR4 CR5
1	21000885	A	DIODE BZX84C33 ZENER SOT 23	CR6
5	21000958	A	TR BC847S DUAL NPN BIPOLAR SOT363	Q1 Q4 Q5 Q6 Q3
1	21001010	B	LED BI-COLOUR VERTICAL REVERSE SMT	CR9
1	21001061	A	TR P-CH EN-MODE MOSFET 60V 1A SOT-23	Q2
1	22000741	A	CAP CER 1P8 SM0603 COG 20% 50V	C20
6	22000743	A	CAP CER X7R 100NF SM1206 100V 20%	C4 C8 C62 C67 C72 C77
1	22000823	A	CAP CER 3P3 SM0402 COG 8% 50V	C60
1	22000824	A	CAP CER 5P6 SM0402 COG 9% 50V	C38
9	22000825	A	CAP CER 10P SM0402 COG 5% 50V	C23 C29 C33 C34 C35 C39
				C59 C63 C68
2	22000829	A	CAP CER 1N SM0402 X7R 10% 50V	C26 C27
18	22000830	B	CAP CER 10N SM0402 Y5V +80% -20% 50V	C5 C3 C7 C9 C10 C13 C15
				C19 C28 C36 C37 C51 C53
				C56 C61 C65 C66 C75
2	22000832	A	CAP CER 470P SM0603 COG 5% 50V	C25 C73
1	22000887	B	CAP 100UF 63V 20% ELECT LOW ESR SMD	C32
1	22000890	A	CAP CER 3P0 SM0402 COG +/-0P25 50V	C6
2	22000902	A	CAP CER 5P0 SM0402 COG 5% 50V	C16 C17
1	22000909	A	CAP CER 2P0 SM0402 COG +/-0P25 50V	C43
2	22000931	A	CAP CER 47P SM0402 COG 5% 50V	C50 C52
1	22000936	A	CAP CER 8P0 SM0402 COG +/-0P5 50V	C30
2	22000951	A	CAP TANT 10UF SMB 16V 20%	C18 C74
27	22000952	B	CAP CER 100NF SM0603 X7R 10% 16V	C1 C2 C47 C64 C69 C70 C71
				C82 C84 C85 C86 C87 C90
				C92 C94 C95 C96 C97 C98
				C100 C101 C102 C103 C105
				C106 C109 C110
4	22000953	A	CAP CER 33PF SM0603 COG 5% 50V	C79 C80 C99 C108

3	22000959	A	CAP CER 220P SM0603 COG 5% 50V	C48 C107 R44
4	22000960	A	CAP CER 10UF SM1210 Y5V -20/+80% 16V	C46 C88 C89 C104
1	22000961	A	CAP TANT 100UF SMD 10V 20% (LOW ESR)	C14
2	22001051	A	CAP CER 0P5 SM0402 COG +/-0P25 50V	C21 C41
1	22001054	B	CAP CER 1UF SM1210 X7R -/+10% 50V	C83
4	23000815	A	RES 1K SM0402 0.0625W 1% 250PPM	R1 R4 R5 R52
5	23000848	A	RES 10R SM0402 0.0625W 5% 250PPM	R2 R3 R7 R10 R11
1	23000854	A	RES 180K SM0402 0.0625W 5% 250PPM	R8
1	23000882	A	RES 21K SM0603 0.0625W 1% 100PPM	R39
1	23000883	A	RES 21K5 SM0603 0.0625W 1% 100PPM	R40
1	23000941	A	RES 1M SM0603 0.0625W 1%	R31
3	23000944	A	RES 4K7 SM0603 0.0625W 1%	R23 R54 R33
2	23000946	A	RES 0R SM0603 1A	R47 R60
2	23000948	A	RES 75R SM0603 0.0625W 5%	R58 R59
1	23000949	A	RES 470K SM0805 0.1W 5% 200PPM	R18
7	23000962	A	RES 51R SM0603 0.0625W 1% 100PPM	R13 R14 R15 R16 R35 R36
				R50
2	23000963	A	RES 270R SM0603 0.0625W 5% 250PPM	R25 R43
6	23000964	A	RES 470K SM0603 0.0625W 5% 200PPM	R26 R27 R28 R32 R37 R38
1	23000965	A	RES 27K SM0603 0.0625W 1% 100PPM	R17
2	23001006	A	RES 24K9 SM0805 0.1W 1% 100PPM	R34 R24
1	23001055	A	RES 200R SM0402 0.0625W 1% 250PPM	R6
10	24000966	A	RES NET 4K7 SM0603X4 4RES 0.0625W 5%	RN1 RN2 RN4 RN5 RN6 RN7
				RN8 RN9 RN10 RN11
1	25000681	B	INDUCTOR 100UH 20% POWER SMD	L10
1	25000839	A	INDUCTOR 3N3 6% SM0402	L9
1	25000905	A	INDUCTOR 33N 0.6% SM0402	L4
2	25000906	A	INDUCTOR 10N 2% SM0402	L1 L6
1	25000907	A	INDUCTOR 1N5 7% SM0402	L5
3	25000910	A	INDUCTOR 2N7 +/-0.1N SM0402	L2 L7 L8
3	25000916	A	FERRITE 1000R SM0603	FB1 FB2 FB3
2	25000955	A	FERRITE BEAD BLM21A 120R SM0805	FB4 FB5
1	25001060	A	INDUCTOR 68UH 20% HI-CURRENT SMD	L3
1	25001066	A	FERRITE 60R 500MA SM0603	R45
1	26000654	A	XFORM DUAL 10/100 SMD16	T2
1	26000904	A	BANDPASS FILTER 2.4GHZ (HIGH ATTENUATION)	F1
1	26001044	A	BALUN 2.4GHZ CTAP 50OHM	T1
1	28000613	A	CRYSTAL 25MHZ 50PPM 49USMX	X2
1	28000739	A	CRYSTAL 24MHZ 50PPM HC49	X3
1	28000821	A	CRYSTAL 16.000MHZ 10PPM SMD	X1
1	30001065	A	SWITCH SPST MOM SMT	SW1
1	31001063	A	CON 1W RJ45 HARMONICA SHIELDED INTEG GREEN LED SMT	J4
1	31001064	B	CON DC POWER 3W 2.5MM SINGLE BARREL SMT	J5
2	33001050	A	RF SHIELD CAN (SMT) 17X15MM	CAN1 CAN2