

**Lo-Q plc**

New Close, Greenlands, Henley On Thames, Oxon, RG9 3AL

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Q-bot MK2 Interface PCB iss 1 BOM

Last Updated: 14/03/02 By: C Butler

Part No.	Description	F'Issue	Qty	Reference Designator
	PCB Q-BOT MK2 INTERFACE ISS 1	Y	1	
100-125	1.5nF X7R SM-0603		1	C20
100-126	100nF X7R SM-0603		6	C1-2, C9, C12, C21 C34
100-127	100pF NPO SM-0603		1	C26
100-472	100pF 1% NPO SM-0603		1	C32
100-128	10nF X7R SM-0603		9	C3, C14-15, C17, C28, C31, C36, C41, C44
100-131	150pF NPO SM-0603		2	C23-24
100-132	15pF NPO SM-0603		2	C5-6
100-133	1nF X7R SM-0603		1	C27
100-123	1.20pF NPO SM-0603		1	C35
100-122	1.00pF NPO SM-0603		1	C48
100-135	22nF X7R SM-0603		1	C7
100-136	22pF NPO SM-0603		1	C29
100-413	33PF NPO SM-0603		1	C10
100-414	3.9PF NPO SM-0603		1	C8
100-139	4.7pF NPO SM-0603		1	C18
100-142	4.7uF 16V Y5V SM-1206		2	C46, C49
100-144	47nF X7R SM-0603		1	C22
100-147	6.8pF NPO SM-0603		1	C33
100-148	680pF NPO SM-0603		2	C16, C40
100-149	820pF NPO SM-0603		1	C13
100-134	1uF 16V TANT SM-CASE-A		1	C45
100-145	47uF 10V TANT SM-CASE-C		1	C43
100-141	4.7uF 10V TANT SM-CASE-B		2	C4, C42
100-124	1.4-3.0pF TRIMMER CAPACITOR SM (TZBX4Z03BA110T00)	Y	1	C38
100-423	10R 1% SM-0603		6	R2, R45-49
100-102	100K 1% SM-0603		6	R1, R6, R16, R31-32, R34
100-104	100R 1% SM-0603		2	R17, 41

100-105	10K 1% SM-0603		2	R9, R36
100-108	150K 1% SM-0603		1	R3
100-111	1M 1% SM-0603		10	R4-5, R7, R11-12, R18, R22, R35, R38, R40
100-112	27K 1% SM-0603		1	R14
100-113	330K 1% SM-0603		2	R29-30
100-114	470K 1% SM-0603		1	R33
100-116	5K6 1% SM-0603		1	R26
100-118	68K 1% SM-0603		1	R15
	2K 1% SM-0603		1	R8
100-120	8K2 1% SM-0603		1	R10
100-156	47uH SM-2220 (LQN6C470M04)	Y	1	L8
100-152	12nH SM-0603 (LQW18AN12NJ00D)	Y	1	L6
100-153	2.2uH 10% SM-1206 (LQH31MN2R2J01L)	Y	1	L3
100-154	33nH SM-0603 (LQW18AN33NJ00D)	Y	1	L5
100-155	4.7nH SM-0603 (LQW18AN4N7D00D)	Y	1	L2
100-157	6.8nH SM-0603 (LQW18AN6N8C00D)	Y	1	L1
100-158	8.2nH SM-0603 (LQW18AN8N2D00D)	Y	1	L4
100-252	NFM3212R13C4 TERMINAL CAP 470pF (NFM60)	Y	1	FL1
100-411	SFECV10.7MJSATC CERAMIC FILTER 150KHZ SM	Y	2	FL2-3
100-454	LFL18924MTC1A052 924.5MHZ POW PASS FILTER	Y	1	FL4
100-186	MBR0520LT1	Y	4	D1-4
100-412	SMV1233-011 VARACTOR DIODE SOD323	Y	1	V1
100-189	MMUN2213LT1 or DTA144EKAT146	Y	6	Q1, Q3, Q7, Q9-11
100-184	MMUN2114LT1 or DTA114YKA SOT23	Y	1	Q6
100-188	MMBT4401 OR MMST4401T146	Y	2	Q2, Q8
100-190	NDS336P MOSFET SM-SOT 23	Y	1	Q5
100-455	VC060305A150 5.6 VOLT TRANSIENT SUPPRESSOR	Y	3	TS1-3
100-451	MSP430F1471PM TI	Y	1	U1
100-211	TRF6900APT RF TRANSCEIVER SM-TQFP44	Y	1	U2
100-444	PE4210 MSOP	Y	1	U3
100-199	LT1307CS8	Y	1	U4
100-183	CRYSTAL 32.768KHz WATCH PIH CASE 2x6	Y	1	Y2
100-369	CRYSTAL 24.00014MHZ 14SMX 15/30/20/18 SM	Y	1	Y1
100-215	10+10 WAY (TFM-110-02-S-D-L) DIL HEADER SM	Y	1	PL2
100-237	H3161-01 PCB PIN PIH	Y	4	P1-4
100-457	SOUNDER DX1005A-01S CHANGZHOU	Y	1	LS1

100-453	VIBRATION MOTOR 6SH-0608A	Y	1	VB1
100-354	ANTENNA	Y	1	ANT1
100-261	VH700 1.5V AAA NImH BATTERY	Y	1	BAT1
N0-FIT	COMPONENT POSITIONS NOT FITTED		9	C11, C25, C39, C52, R13, R27, R28, PL1, PL3

