

KX650.4 E- BOM		
Description	Qty's	Parts Location
50W*4CH		
04KX6504 141*444.5 V2.1	1	
TR MOTOROLA 2N4401	12	Q2 Q4-5 Q8-9 Q11 Q12 Q13 Q15-16 Q18 QM2
TR MOTOROLA 2N4403	6	Q6-7 Q10 Q14 Q17 QM1
TRMOTOROLAMPSA06 80V	12	Q101-401.Q102-402.Q105-Q405
TRMOTOROLAMPSA56 80V	12	Q103-Q403.Q104-R404.Q106-Q406
TR MOTOROLA HMPSA14	1	Q3
TR MOTOROLA MPSA42	4	Q117-Q417
TR MOTOROLA MPSA92	4	Q116 -Q416
J110	4	Q100-Q400
2SD667A	3	QF1~3
DIODE NS1N4148HSS150MA	25	D1~7.D9.D13.D101-401.D102-D402.D103-D403.D104-404
DIODE NECRD3.0JSB2ZNR 3V	1	Z1
ZENER,20V 1/2W	1	Z3
DIODE NEC RD15EB3 15V	2	Z4-5
RD 1/4W 10Ω	2	R67.R69
RD 1/4W 10K	2	R65.R66
RD 1/4W 3.6K	1	R83
RD 1/4W 4.7Ω	4	R168-R468
RD 1/4W 470Ω	1	R73
RD 1/8W 0Ω	73	RZ1~14.RZ16~74
RD 1/8W 10Ω	1	R13
RD 1/8W 100Ω	17	R39 R136~139 R236~239 R336~339 R436~439
RD 1/8W 1K	27	R2 R8 R10 R16 R21 RM24 R47~50 R77 R131-431 R133-433
		R135-435 R134-434
RD 1/8W 10K	30	R14 R18 R20 R30-31 R32 R34 R79-80 RM10 RM12 RM13
		RM15 RM19~RM22 R132-432 R166-466 R170-470.RZ15
RD 1/8W 100K	3	R6 R42 RM25
RD 1/8W 11K	1	R76
RD 1/8W 12K	1	RM23
RD 1/8W 150Ω	10	R51~56 .59.60.62.63.
RD 1/8W 1.5K	1	R11
RD 1/8W 15K	1	R26
RD 1/8W 180Ω	4	R150-R450
RD 1/8W 180K	1	R25
RD 1/8W 20K	4	R1 R3 R4 R12
RD 1/8W 2M	1	R37
RD 1/8W 22Ω	1	R15
RD 1/8W 2.2K	4	R71 R33 R72 R41
RD 1/8W 22K	1	R82
RD 1/8W 220K	5	R5 R167-R467

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RD 1/8W 24K	1	R74
RD 1/8W 270Ω	8	R140-440. R141-441
RD 1/8W 2.7K	1	R23
RD 1/8W 27K	2	RM31 RM36
RD 1/8W 3K	10	R24 R45 R130-R430. R165-R465
RD 1/8W 3.6K	1	R78
RD 1/8W 470Ω	4	RM14 RM16 RM17 RM18
RD 1/8W 4.7K	2	R27 R75
RD 1/8W 47K	4	R40 R46 R19 R44
RD 1/8W 470K	1	R43
RD 1/8W 51Ω	8	R144-444. R145-445
RD 1/8W 51K	2	RM27 RM33
RD 1/8W 56K	1	R22
RD 1/8W 62K	4	RM29 RM28 RM34 RM35
RD 1/8W 75K	2	RM30 RM37
RD 1/8W 8.2K	1	R28
MF 1/8W 1K 1%	8	R154-R454.R147-R447
MF 1/8W 11K 1%	1	R36
MF1/8W 113Ω1%	4	R163-R463
MF 1/8W 1.62K 1%	1	R7
MF 1/8W 1.91K 1%	4	R146-R446
MF 1/8W 210K 1%	1	R9
MF 1/8W 3K 1%	1	R38
MF 1/8W 4.02 1%	4	R153-R453
MF1/8W 430Ω 1%	1	R17
MF1/8W 4.64K 1%	4	R169-R469
MF 1/8W 4.3K 1%	1	R35
MF 1/8 877Ω 1%	4	R164-R464
C/C Y5V 0.1UF/100V Z	20	C1 C4 C9 C13 C21 C25-26 C30-31 C35 C42 C44~46
		C132-C432 CM6 CM11
C/C 270PF/100V J	4	C143-C443
C/C Y5E 47PF/100V K	12	C136-C436.C133-C433.C134-C434
C/C Y5E 680P/250V K	1	C14
M/C 0.01UF/100V J	1	C3
M/C 0.1UF/100V J	4	C142-C442
M/C 332J/100V J	4	CM9 CM13 CM14 CM15
M/C 0.0047UF/100V J	4	C141-C441
M/C 0.0068uf/100V J	5	C135-C435.C11
1UF/50V 5*11	7	C5 C6 C12 C138-C438
10UF/25V 5*11	5	CM3 CM4 CM7 CM8 CM12
10UF/50V 5*11	1	C7

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100U/16V 5*11	8	C28 C29 C137-C437 CM5 CM10
22UF/25V 5*11	1	C8
4.7U/50V 5*11	6	C130-C430 C131 C231
47UF/16V 5*11	4	C139 -C439
47UF/25V 5*11	1	C10
JUMP 0.78*5MM	3	JP1~3
JUMP 0.78*7.5MM	28	JP5~18.JP21~30. JP32~35
JUMP 0.78*10MM	59	JP31.JP36.JP39~93.JP177.JP178
JUMP 0.78*12.5MM	29	JP94~122
JUMP 0.78*15MM	28	JP123~130 JP133~152
JUMP 0.78*17.5MM	4	JP153~156
JUMP 0.78*20MM	11	JP157~167
JUMP 0.78*22.5MM	7	JP168~174
JUMP 0.78*25MM	2	JP175.176
TR MOTOROLA 2N4403	1	Q19
TRMOTOROLAMPSA06 80V	4	Q109-Q409
2SB649	1	Q1
NPN MJE340 HS	4	Q108-Q408
PNP MJE350 HS	4	Q107-Q407
DIODE NEC RD11EB3 1W 11V	1	Z6
DIODE 1N5402 ET3.0A100V	1	D14
LED 5MM Red	1	D8
LED 5MM GREEN	1	D12
CHINALM358N	1	U8
ROHM BA4558	1	IC18
IC 13700D	1	IC17
NEC UPC494 OR TI TL494	1	U2
1Ws 22Ω	2	R81 R61
1Ws 22K	8	R142-R442.R143-R443
1Ws 3.3K	2	R68 R70
5W 0.2Ω H=15	4	R155-R455
NTC THERMISTORD103J 10K	5	RTH1~5
22UF/25V 5*11	1	C2
220UF/25V 8*12	1	C34
4.7UF/50V 5*11	2	C331 C431
2200UF/35V 16*26 105C	4	C39~41.C17
3300UF/50V 22*28	4	C16 C20 C22 C23
JUMP 0.78*5MM	1	JP4
JUMP 0.78*15MM	1	JP131
KICKER 6P	1	J12
2Pin 180	2	J6.J7

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Description	Qty's	Parts Location
12Pin (Female) H12*5	1	J10
1015#AWG 18 60MM	1	GND
IR IRFZ44V	10	Q20~27. Q29.Q30
TIP41C	5	Q32 Q110-Q410
TIP42C	5	Q33 Q111-Q411
KEC TIP35C	4	Q112-Q412
KEC TIP36C	4	Q114-Q414
DIODE MOTOROLA 1620CT	1	D10
DIODE MOTOROLA 1620CTR	1	D11
T23*90-26 1.2*5 2.6uH	1	L2
ψ47 4:11 F=1.2*8 S=1.2*3	1	T2
40A ATC	2	F1 F2
PCB JEF-703E	2	F1 F2
3P H338K 2Ga*2 8Ga*1	1	J5
4P H432K 8Ga	2	J8 J9
RD 1/8W 0Ω	4	R102.202.302.402
RD 1/8W 1K	4	R116.216.316.416
RD 1/8W 10K	16	R109-409.110-410 R114-414.220.420.221.421
RD 1/8W 2K	4	R115.215.315.415
RD 1/8W 4.3K	4	R103.203.303.403
RD 1/8W 43K	8	R104.204.304.404.117.217.317.417
RD 1/8W 5.6K	4	R118.218.318.418
RD 1/8W 6.8K	8	R111.211.311.411.113.213.313.413
RD 1/8W 680K	4	R119.219.319.419
RD 1/8W 7.5K	4	R112.212.312.412
MF 1/8W 1K 1%	8	R101.201.301.401.188.288.388.488
MF 1/8W 10.7K 1%	4	R107.207.307.407
MF 1/8W 18.7K 1%	4	R108.208.308.408
MF 1/8W 3.01K 1%	4	R105.205.305.405
MF/1/8W 698Ω1%	4	R106.206.306.406
C/C NPO 10PF/100V K	8	C104.204.304.404.105.205.305.405
C/C NPO 100PF/100V J	4	C102.202.302.402
C/C Y5V 0.1UF/100V Z	4	C53.C54.C49.C50
C/C NPO 22PF/100V J	2	C212.C412
C/C NPO 47PF/100V K	4	C108.208.308.408
M/C 0.12UF/100V J	8	C106.206.306.406.107.207.307.407
M/C 0.022UF/100V J	4	C110.210.310.410
100U/16V 5*11	4	C103-403
4.7U/50V 5*11	8	C101-401.C100-400
47UF/25V 5*11	8	C47.48.51.52.C123-423
BOX 0.18U/63V MEMB	4	C109.209.309.409

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Description	Qty's	Parts Location
NJM2068	14	U101-107.U201-207
SK-23D05 G=8 L1	2	SW1.SW2
4Pin P=2.5MM 90	2	J3.J4
B20K 6PIN L20F7 10%	4	VR100.VR200.VR102.VR202.
B20K 7PIN L20F4.5 10%	2	VR101.VR201
RCA Jack	2	J1.J2
12Pin (Male) H19*5	1	J11
φ3 LED White	4	LP1~LP4
RD 1/4W 390Ω	1	RL1
2Pin 150 T=5	1	JL1
RD 1/8W 0Ω	2	RZ2.RZ3
B20K L=25mm	1	VR1
KICKER 6Pin	1	TEL1