

Gk Roland Breakout					
Item	Description	Part number	Packaging	Manufacturer	Location
1	1x3 male header	22-28-5034	2.54mm	Molex	H3
2	2x4 male header	M20-9720445	2.54mm	Harwin	H1,H2
3	470K	CRCW1206470KFKEA	SMD 0402	Vishay	R6
4	4.7K	RK73B1ETTP472J	SMD 0402	KOA Speer	R3
5	1K	RC0402FR-071KL	SMD 0402	Yageo	R1,R7,R8
6	100R	CRCW0805100RFKEA	SMD 0402	Vishay	R3,R5
7	10K	CRCW040210K0FKEDHP	SMD 0402	Vishay	R4
8	18K	CRCW040218K0FKED	SMD 0402	Vishay	R2
9	1nF	GRM188R71C102KA01D	SMD 0603	Murata	C5
10	10nF	08053C103MAT2A	SMD 0805	AVX	C2
11	10uF	GRM21BC81C106KE15L	SMD 0805	Murata	C1,C4,C7
12	1uF	GRM155R61C105KE01D	SMD 0603	Murata	C6
13	2.2uF	GRM219C81E225KE15D	SMD 0805	Murata	C3
14	0.01uF	08053C103MAT2A	SMD 0805	AVX	C9,C10,C11
15	0.1uF	08055C104KAT2A	SMD 0805	AVX	C13,C15
16	0.47uF	GRM21BR72A474KA73L	SMD 0805	Murata	C8
17	4.7uF	VJ0805V475MXQTW1BC	SMD 0805	Vishay	C12,C14
18	1SS302	1SS302A,LF	SC70-3	Toshiba	D3,D4
19	NPN transistor	MMBT4401LT1G	SOT23-3	ON Semicon.	T2
20	2x10 male header	M22-2521005	2mm	Harwin	H1
21	7P ZIF connector	59453-071110EDHLE	0.5mm	Amphenol	H4-H8
22	MIC5205-5V	MIC5205-5.0YM5-TR	SOT23-5	MICROCHIP	U2
23	RC4558	595-RC4558D	SOIC8	Texas Instruments	U1

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