

# GK ROLAND BREAKOUT

Item	Description	Part Number	Packaging	Manufacturer	Location	Qty.
1	1x3 Male Header	<a href="#">22-28-5034</a>	2.54mm	Molex	H3	2
2	2x4 Male Header	<a href="#">M20-9720445</a>	2.54mm	Harwin	H1,H2	1
3	470K	<a href="#">CRCW1206470KFKEA</a>	SMD 0402	Vishay	R6	1
4	4.7K	<a href="#">RK73B1ETTP472J</a>	SMD 0402	KOA Speer	R3	1
5	1K	<a href="#">RC0402FR-071KL</a>	SMD 0402	Yageo	R1,R7,R8	3
6	100R	<a href="#">CRCW0805100RFKEA</a>	SMD 0402	Vishay	R3,R5	2
7	10K	<a href="#">CRCW040210K0FKEDHP</a>	SMD 0402	Vishay	R4	1
8	18K	<a href="#">CRCW040218K0FKED</a>	SMD 0402	Vishay	R2	1
9	1nF	<a href="#">GRM188R71C102KA01D</a>	SMD 0603	Murata	C5	2
10	10nF	<a href="#">08053C103MAT2A</a>	SMD 0805	AVX	C2	1
11	10uF	<a href="#">GRM21BC81C106KE15L</a>	SMD 0805	Murata	C1,C4,C7	3
12	1uF	<a href="#">GRM188R71E105KA12D</a>	SMD 0603	Murata	C6	1
13	2.2uF	<a href="#">GRM219C81E225KE15D</a>	SMD 0805	Murata	C3	1
14	0.01uF	<a href="#">08053C103MAT2A</a>	SMD 0805	AVX	C9,C10,C11	4
15	0.1uF	<a href="#">08055C104KAT2A</a>	SMD 0805	AVX	C13,C15	2
16	0.47uF	<a href="#">GRM21BR72A474KA73L</a>	SMD 0805	Murata	C8	1
17	4.7uF	<a href="#">VJ0805V475MXQTW1BC</a>	SMD 0805	Vishay	C12,C14	2
18	1SS302	<a href="#">1SS302A,LF</a>	SC70-3	Toshiba	D3,D4	2
19	NPN Transistor	<a href="#">MMBT4401LT1G</a>	SOT23-3	ON Semiconductor	T2	1
20	7P FPC Connector	<a href="#">59453-071110EDHLF</a>	0.5mm	Amphenol FCI	H4-H8	4
21	MIC5205-5V	<a href="#">MIC5205-5.0YM5-TR</a>	SOT23-5	Microchip	U2	1
22	RC4558	<a href="#">595-RC4558D</a>	SOIC8	Texas Instruments	U1	1