

GK ROLAND BREAKOUT

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