

### INTERNAL BREAKOUT V1.2

<i>Item</i>	<i>Description</i>	<i>Part Number</i>	<i>Packaging</i>	<i>Manufacturer</i>	<i>Location</i>	<i>Qty.</i>
1	1K	<a href="#">RC0402FR-071KL</a>	SMD 0402	Yageo	R1,R2	2
2	4.7K	<a href="#">RK73B1ETTP472J</a>	SMD 0402	KOA Speer	R3	1
3	1nF	<a href="#">GRM188R71C102KA01D</a>	SMD 0603	Murata	C3, C7	2
4	10nF	<a href="#">08053C103MAT2A</a>	SMD 0805	AVX	C13	1
5	1uF	<a href="#">GRM188R61C105KA93D</a>	SMD 0402	Murata	C1, C4, C6, C8, C12	2
6	2.2uF	<a href="#">GRM219C81E225KE15D</a>	SMD 0805	Murata	C11	2
7	10uF	<a href="#">GRM21BC81C106KE15L</a>	SMD 0805	Murata	C2,C5,C9,C10	6
8	NPN transistor	<a href="#">MMBT4401LT1G</a>	SOT23-3	ON Semiconductor	T1, T2	2
9	10V regulator	<a href="#">MCP1804T-A002I/MB</a>	SOT-89	Microchip	U1	1
10	6.1V regulator	<a href="#">LP2985IM5-6.1/NOPB</a>	SOT23-5	Texas Instruments	U2	1
11	Rectifier	<a href="#">FM4007W-W</a>	SMX	Rectron	D1	1
12	7P FPC connector	<a href="#">59453-071110EDHLF</a>	0.5mm	Amphenol FCI	CH1-4, CH5-8, CH9-12	3
13	1x3 Male Header TH	<a href="#">22-28-5034</a>	2.54mm	Molex	H9-H15	9
14	2x10 Male Header TH	<a href="#">M22-2521005</a>	2mm	Harwin	H1	1