

AND!XOR DC25 BADGE BOM				
Item	QTY	Part #	Footprint	Notes
Buck Regulator	1	PAM2301CAAB330	TSOT-25	Can substitute with MCP1603LT-330I/OS
4.7uH Inductor	1	MAMK2520T4R7M	1008	
100nF Capacitor	21		0402	
10uF Capacitor	2		1206	
47 Ohm Resistor	1		0805	Must be at least 15 Ohm, controls backlight
1k Ohm Resistor	6		0805	
Micro SD Slot	1	101-00660-68-6	Custom	
LED(Red)	1		0805	
220 Ohm Resistor	1		0402	
Navigation Buttons	5	PTS810	Custom	
Power Switch	1	SSSS810701	Custom	
FPC ZIF Molex	1	505110-1092	Custom	
Ball Tilt Switch	1	SW-200D	TH	
BMD-300	1	BMD-300-AR	Custom	
RGB LEDs	15	WS2812B	5050 4 pin	
AA Battery	3		AA	
1GB+ MicroSD Class 4+	1	SDSDQAB-008G	MicroSD	
128x128 LCD	1	CFAF128128B-0145T	Ribbon	
3x AA battery holder	1	Keystone 2464	TH	