GROVE_WIZFI360 V01   BILL OF MATERIALS

Item #	Reference Designator	Quantity	Value/Part Number	Seeed SKU	Description	Package Reference	Datasheet/ Internet Link
1	C1, C2, C3, C4,	4	100nF-25V	302010024	SMD CAP Ceramic 100nF-25V-10%-X7R	0402	Datasheet
2	D1	1	Red LED	304090042	LED-SMD Red Diffused	0603	Datasheet
3	J1	1	Grove Female Header - DIP-4P-2.0mm	110990030	Grove Female Header - DIP-4P-2.0mm	DIP	Internet Link
4	M1	1	WizFi360-PA		WIZnet WiFi Module	SMD	https://www.wiznet.io/product-item/wizfi360/
5	Q1, Q2, Q3,	3	2N7002		N Channel MOSFET	SOT23	Datasheet
6	R1	1	330R		1/10W-5% SMD	0402	
7	R2, R3, R4, R5, R6, R7	6	4.7k		1/10W-5% SMD	0402	
8	U1	1	IL1117C-33ET		IL1117C-33ET ,3.3V 1A CMOS LDO, SOT223 Package	SOT223	Datasheet
9		1	PCB		2-Layer, 20mm x 40mm, PCB Color: Blue, Silk Screen: White		