

## r820i2\_breakout

Reference	Value	Footprint	Cnt	Qty	Mfg P/N
C101	0.01uf	Capacitors_SMD:C_	1		1 C1608X7R1H103K080AA
C108	0.1uf	Capacitors_SMD:C_	1		
C116	0.1uf	Capacitors_SMD:C_	1		
C117	0.1uf	Capacitors_SMD:C_	1		
C104	0.1uf	Capacitors_SMD:C_	1		
C109	0.1uf	Capacitors_SMD:C_	1		
C113	0.1uf	Capacitors_SMD:C_	1		
C114	0.1uf	Capacitors_SMD:C_	1		
C118	0.1uf	Capacitors_SMD:C_	1		
C121	0.1uf	Capacitors_SMD:C_	1		
C103	0.1uf	Capacitors_SMD:C_	1	10	10 C1608X7R1E104K080AA
C106	1uf	Capacitors_SMD:C_	1	1	1 GCM188R71E105KA64D
C110	27pf	Capacitors_SMD:C_	1		
C111	27pf	Capacitors_SMD:C_	1		
C105	27pf	Capacitors_SMD:C_	1		
C107	27pf	Capacitors_SMD:C_	1	4	4 CL10C270JB8NNNC
C102	330pf	Capacitors_SMD:C_	1		
C119	330pf	Capacitors_SMD:C_	1	2	2 C0603C331J5GACTU
C120	6800pf	Capacitors_SMD:C_	1	1	1 GRM1885C1H682JA01D
C112	10uf	Capacitors_SMD:C_	1		
C115	10uf	Capacitors_SMD:C_	1	2	2 EMK212BB7106MG-T
P102	DNI	Connect:PINTST	1		
P103	DNI	Connect:PINTST	1		
P108	DNI	Connect:PINTST	1		
P106	DNI	Connect:PINTST	1		
P104	DNI	Connect:PINTST	1		
P107	DNI	Connect:PINTST	1		
P105	DNI	Connect:PINTST	1		
U101	TWEAALSANF-28.800000	Crystals:Crystal_	1	7	7
Y101	28.8MHz	Crystals:Crystal_	1	1	1 9C-28.800MBBK-T
T101	TRANSFO4	footprints:Pulse_S	1	1	1 MABAES0060
U102	R820T2	footprints:QFN-24	1	1	1 R820T2
J101	SMA	footprints:SMA_EN	1		
J102	SMA	footprints:SMA_EN	1	2	2 Misc SMA end-launch
P101	CONN_01X04	Pin_Headers:Pin_H	1	1	1 Generic 0.1" breakout
R111		0 Resistors_SMD:R_(	1		
R105		0 Resistors_SMD:R_(	1	2	2 ERJ-3GEY0R00V
R106		10 Resistors_SMD:R_(	1	1	1 ERJ-3GEYJ100V
R101		220 Resistors_SMD:R_(	1		
R102		220 Resistors_SMD:R_(	1		
R107		220 Resistors_SMD:R_(	1		
R108		220 Resistors_SMD:R_(	1	4	4 ERJ-3GEYJ221V
R112	10k	Resistors_SMD:R_(	1	1	1 ERJ-3GEYJ103V
L102	150nh	Resistors_SMD:R_(	1		
L103	150nh	Resistors_SMD:R_(	1	2	2 L-14CR15JV4T
R110	1k8	Resistors_SMD:R_(	1	1	1 ERJ-3GEYJ182V

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Distributor	Distributor P/N	Notes
Mouser	810-C1608X7R1H103K	
Digi-Key	445-1316-1-ND	
Mouser	81-GCM188R71E105KA4D	
Digi-Key	1276-1086-1-ND	
Digi-Key	399-1068-1-ND	
Digi-Key	490-11477-1-ND	
Mouser	963-EMK212BB7106MG-T	
Digi-Key	887-2449-1-ND	
Digi-Key	1465-1317-1-ND	
ebay		
ebay		
Digi-Key	P0.0GCT-ND	
Digi-Key	P10GCT-ND	
Digi-Key	P220GCT-ND	
Digi-Key	P10KGCT-ND	
Digi-Key	712-1448-1-ND	
Digi-Key	P1.8KGCT-ND	

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R103	4k7	Resistors_SMD:R_(	1		
R104	4k7	Resistors_SMD:R_(	1	2	2 ERJ-3GEYJ472V
L101	8.2nH	Resistors_SMD:R_(	1	1	1 LQW18AN8N2D00D
R109	DNI	Resistors_SMD:R_(	1	1	1
U103	LD1117S33CTR	SOT-223	1	1	1 LD1117S33TR
D101	BAV99	TO_SOT_Packages	1	1	1 BAV99

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Distributor	Distributor P/N	Notes
Digi-Key	P4.7KGCT-ND	
Digi-Key	490-1167-1-ND	
Digi-Key	497-1242-1-ND	
Digi-Key	BAV99FSCT-ND	

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