

Si4732 Breakout Board						
Desig	Qty	Value	Package	Vendor	Data / Vendor PN	Digikey
C1, C2, C14	3	22pF 50V 5% C0G, NP0	0402	Samsung	CL05C220JB5NNNC	1276-1116-1-ND
C6	1	18pF 50V 5% C0G NP0	0402	Samsung	CL05C180JB5NNNC	1276-1140-1-ND
C3, C7, C8	3	4.7µF 10V 10% X5R	0603	Samsung	CL10A475KP8NNNC	1276-1044-1-ND
C9	1	470nF 10V 10% X7R	0402	Murata	GRM155R71A474KE01D	490-14366-1-ND
C12	1	10µF 10V 20% X5R	0603	Murata	GRM188R61A106ME69D	490-10475-1-ND
C13	1	2.2µF 25V 10% X5R	0402	Murata	GRM188R61E225KA12D	490-10731-1-ND
D1	1	LED RED 47mcd	0402	Dialight	5988A20107F	350-4447-1-ND
D2	1	TVS DIODE 3.3V 10V	SOT-23-3	ON Semi	CM1213A-01SO	CM1213A-01SOOSCT-ND
J1, J2	2	Conn_01x04_Male	Shrouded SMD R/A 1x4 1.00mm	JST Sales	SM04B-SRSS-TB(LF)(SN)	455-1804-1-ND
J3	1	SJ1-3513-SMT	3.5MM Stereo Jack SMD R/A	CUI Devices	SJ1-3513-SMT-TR	CP1-3513SJCT-ND
J4	1	Jumper Small	2mmHeader_1x2 Male	Harwin	M22-2510205	952-1311-ND
J5	1	Conn U.FL Coax	Coaxial U.FL Vert. 50Ω 6GHz	Hirose	U.FL-R-SMT-1(10)	H11891CT-ND
J6	1	Conn_01x02_Male	2.54mm Header Male 1x2 Blue	Adafruit	4150	N/A
J7	1	Conn_01x06_Male	2.54mm Header Male 1x6 Green	Adafruit	4153	N/A
JP1, JP2	2	Jumper	2mmHeader_1x2 Male	Harwin	M22-2510205	952-1311-ND
L1	1	180nH 140mA 2.2Ω	0603	Murata	LQW18ANR18J00D	490-6928-1-ND
R2	1	2.2kΩ	0402	Yageo	RC0402FR-072K2L	311-2.20KLRCT-ND
R3	1	10kΩ 1%	0402	Yageo	RC0402FR-0710KL	311-10.0KLRCT-ND
R1, R4	2	4.7kΩ 1%	0402	Yageo	RC0402FR-074K7L	311-4.7KLRCT-ND
R6	1	1kΩ 1%	0402	Yageo	RC0402FR-071KL	311-1.00KLRCT-ND
R5, R12, R13	3	100kΩ 1%	0402	Yageo	RC0402FR-07100KL	311-100KLRCT-ND
U1	1	Si4732-A10-GS	SOIC-16_3.9x9.9mm_P1.27mm	Silicon Labs	SI4732-A10-GS	336-5736-ND
U5	1	TPA301	SOIC-8_3.9x4.9mm_P1.27mm	TI	TPA301DR	296-1945-1-ND
Y1	1	32668Hz	2Pin 3.2x1.5mm	Epson	FC-135 32.7680KA-A5	SER4103CT-ND