

QTY	P/N	Description	Manufacturer	Manufacturer P/N	REFDES
1	044-039-186	VR4100 LCD PWB (SEIKO)	BLACKBOARD	044-039-186 REV B	PWB
1	044-007-191	QUAD ROW TERMINAL 4X20	SAMTEC	TOLC-120-22-F-Q-A (-K and -TR optional)	J3
			SAMTEC	TOLC-120-22-L-Q-A (-K and -TR optional)	
			SAMTEC	TOLC-120-22-S-Q-A (-K and -TR optional)	
1	044-007-192	CONNECTOR, RF-UFL	HIROSE	U.FL-R-SMT(01)	J2
				U.FL-R-SMT(10)	
1	044-207-005	CONNECTOR, FFC, 0.3mm x 35	MOLEX	502250-3591	J4
1	044-207-006	CONNECTOR, FFC, 0.5mm x 4	OMRON	XF2U-0415-3A	J5
1	044-026-014	27.12MHZ CRYSTAL, SMT-3.2X2.5 (10pF)	CITIZEN	CS325 27.120M ABQ-UT	Y2
			CITIZEN	CS325 27.120M ABQ-UB	
			PLETRONICS	SM10T-10-27.120M-30H1CG	
1	044-201-065	PN532 NFC CONTROLLER	NXP	PN5321A3HN/C106;55	U6
1	044-201-066	LT3465 LED DRIVER	LINEAR TECH	LT3465E56#TRMPBF	U8
1	044-201-067	TOUCH SCREEN CONTROLLER	TI	ADS7846N	U7
1	044-201-110	WIFI MODULE SIP	WI2WI	W2SW0001C-T	U1
1	044-201-079	NC7SV08 AND GATE	FAIRCHILD	NC7SV08P5X	U5
2	044-201-094	NC7SZ157P6X 2-1 MUX	FAIRCHILD	NC7SZ157P6X	U2, U3
1	044-201-105	MICROCONTROLLER, PIC32	MICROCHIP	PIC32MX440F512HT-80I/MR	U4
1	044-202-026	4 X 4.7K OHM RPACK, 5%, ROHS	DALE	CRA06S0803472JRT1	RP1
			ROHM	MNR14 E0AB J 472	
1	044-202-040	10 OHM RESISTOR, 1206, 1%, ROHS	ANY	10 OHM RESISTOR, 1206, 1%, ROHS	R23
1	044-202-051	100K OHM RESISTOR, 0402, 1%, ROHS	ANY	100K OHM RESISTOR, 0402, 1%, ROHS	R10
2	044-202-053	1K OHM RESISTOR, 0402, 1%, ROHS	ANY	1K OHM RESISTOR, 0402, 1%, ROHS	R4, R21
2	044-202-054	1.2 OHM RESISTOR, 0402, 1%, ROHS	ANY	1.2 OHM RESISTOR, 0402, 1%, ROHS	R27, R28
1	044-202-055	5.11K OHM RESISTOR, 0402, 1%, ROHS	ANY	5.11K OHM RESISTOR, 0402, 1%, ROHS	R19
3	044-202-056	22 OHM RESISTOR, 0402, 1%, ROHS	ANY	22 OHM RESISTOR, 0402, 1%, ROHS	R1, R20, R24
2	044-202-059	16 OHM RESISTOR, 1206, 1%, ROHS	ANY	16 OHM RESISTOR, 1206, 1%, ROHS	R25, R26
4	044-202-061	0 OHM RESISTOR, 0402, ROHS	ANY	0 OHM RESISTOR, 0402, ROHS	R11, R22, Z1, Z2
1	044-202-064	2.21K OHM RESISTOR, 0402, 1%, ROHS	ANY	2.21K OHM RESISTOR, 0402, 1%, ROHS	R18
6	044-202-065	10K OHM RESISTOR, 0402, 1%, ROHS	ANY	10K OHM RESISTOR, 0402, 1%, ROHS	R2, R9, R12, R14, R15, R17
2	044-203-056	1UF/16V CAPACITOR, 0603, X7R, 10%, ROHS	ANY	1UF/16V CAPACITOR, 10%, X7R, 0603, ROHS	C23, C26
4	044-203-038	22pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	22pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C19, C21, C36, C47
10	044-203-039	10uF/16V CAPACITOR, 1206, X7R, 10%, ROHS	ANY	10uF/16V CAPACITOR, 10%, X7R, 1206, ROHS	C6, C8, C10, C11, C16, C28, C29, C38, C40, C41
19	044-203-040	0.1uF/16V CAPACITOR, 0402, X7R, 10%, ROHS	ANY	0.1uF/16V CAPACITOR, 10%, X7R, 0402, ROHS	C1, C2, C3, C4, C5, C7, C9, C12, C13, C17, C18, C20, C22, C27, C31, C32, C33, C34, C35
2	044-203-043	47pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	47pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C52, C53
2	044-203-044	68pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	68pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C49, C56
1	044-203-047	1000pF/50V CAPACITOR, 0402, X7R, 10%, ROHS	ANY	1000 pF/50V CAPACITOR, 10%, X7R, 0402, ROHS	C25
1	044-203-048	0.22UF/25V CAPACITOR, 0805, X7R, 10%, ROHS	ANY	0.22UF/25V CAPACITOR, 10%, X7R, 0805, ROHS	C39
2	044-203-049	4.7uF/10V CAPACITOR, 0805, X5R, 20%, ROHS	ANY	4.7uF/10V CAPACITOR, 20%, X5R, 0805, ROHS	C24, C30
4	044-203-051	0.01uF/50V CAPACITOR, 0402, X7R, 10%	ANY	0.01uF/50V CAPACITOR, 0402, X7R, 10%	C37, C42, C43, C44
2	044-203-059	91pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	91 pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C45, C46
2	044-203-060	100pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	100pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C51, C54
2	044-203-061	220pF/50V CAPACITOR, 0402, COG, 5%, ROHS	ANY	220pF/50V CAPACITOR, 5%, COG, 0402, ROHS	C48, C57
2	044-204-003	PZT2222 TRANSISTOR, SOT-223	FAIRCHILD	PZT2222A	Q1, Q2
			ON SEMI	PZT2222AT1G	
1	044-209-015	22uH INDUCTOR, 10%, 250mA	COILCRAFT	ME3220-223KLC	L1
			MURATA	LQH32CN220K53L	
			MURATA	LQH32CN220K53C	
2	044-209-018	1.5 uH INDUCTOR, 10%, 1210	PANASONIC	ELJ-FA1R5JF	L3, L4
2	044-209-022	560 nH INDUCTOR, 10%, 0805	PANASONIC	ELJ-NDR56JF	L5, L6
			TDK	MLF2012DR56K	
1	044-209-025	CHIP ANTENNA, 2.4 GHZ	FRACTUS	FR05-S1-N-0-001	ANT1
2	044-215-002	FERRITE, 0805	STEWART	HI0805Q310R-10	FB1, FB2
		NOT INSTALLED			J1, J6, J7 U10 Z3 R3, R5, R6, R7, R8, R13, R16, R30 C14, C15, C50, C55 L2 Y1