

Job Name: **eage1_revX1.bmb**

Build Count: **22**

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Build Slides: **Parts Not Stuffed**

Date: 11/1/2018

Time: 15:03

Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
1	22	U5	BW-953-887	None	IC custom Eagle1 die 692 bumps 170um pitch BWRC
2	22	C49	0.1uF DNP	None	Cap 0.1uF DNP 0402 0.1uF 0402
3	220	C57, C58, C59, C60, C61, C62, C66, C67, C68, C69	DNP	None	Cap DNP 0603 DNP 0603
4	22	R4	3.9k DNP	None	Res 3.9k DNP 0402 3.9k 0402 DNP
5	110	R16, R18, R19, R20, R21	0 DNP	None	Res 0 DNP 0603 0 0603 DNP
6	22	U10	M24128 DNP	None	IC M24128 DNP GW-08-.65-.6.4 M24128 EEPROM 16KB 128Kb I2C DNP

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Build Sides: **SMT Hand Parts RED = Top**

Date: 11/1/2018

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Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
7	44	J6, J7	BW-143-925	None	Con 4 pin 50 mil 2x2 str male SMT Samtec FTSH-102-04-F-DV
8	44	J5, J14	BW-185-936	None	Con 2 pin 50 mil 1x2 str male SMT Samtec FTS-102-01-S-DV
9	44	J11, J12	BW-252-400	None	Con 2 pin 100 mil 1x2 str male SMT Samtec TSM-102-01-L-SV
10	88	J1, J2, J3, J4	BW-601-380	None	Con SMA female jack str 50 ohm PCB SMT Cinch 142-0711-202
11	22	S1	BW-793-167	None	SW pushbutton SPST-NO SMD 4 pin E-Switch TL3301AF160QJ
12	44	J10, J13	BW-987-446	None	Con 8 pin 100 mil 2x4 str male SMT 0.230" pin height Samtec TSM-104-01-T-DV
13	22	J8	BW-330-143	None	Con 400 pin 1.27mm FMC VITA 57 male plug 10mm stkd ht Samtec ASP-134488-01
14	22	J9	BW-437-404	None	Con uSD card recp Molex 5033981892

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Build Sides: **Thru Hole Hand Parts RED = Top**

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15	22	T1	BW-182-486	None	Test point loop mini 40mil dia hole black Keystone 5001	

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Build Slides: **SMT Machine Parts**

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Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
16	88	U7, U8, U11, U13	BW-001-338	None	IC SN74AVC2T244 level shifter unidirectional 8X2SON TI SN74AVC2T244DQMR
17	132	L1, L2, L3, L4, L5, L6	BW-002-808	None	Inductor 1uH 650mA 0603 Taiyo Yuden BRL1608T1R0M
18	88	R34, R35, R36, R37	BW-015-470	None	Res 16K 1% 1/10W 0402 Panasonic ERJ-2RKF1602X
19	22	R2	BW-026-055	None	Res 5.1K 1% 1/16W 0402 Vishay CRCW04025K10FKED
20	22	U6	BW-032-153	None	IC TPS3125 1.62V supply monitor POR generator TI TPS3125J18DBVR
21	22	C20	BW-077-814	None	Cap ceramic 15pF 16V 5% COG NPO 0402 Kemet C0402C150J4GACTU
22	22	X1	BW-082-896	None	Osc 50MHz Epson SG210SED50.0000ML3
23	22	R3	BW-084-269	None	Res 4.12K 1% 1/10W 0402 Panasonic ERJ-2RKF4121X
24	22	R13	BW-087-039	None	Res 1.87K 0.1% 1/16W 0402 Panasonic ERA-2AEB1871X
25	88	L7, L8, L9, L10	BW-163-397	None	Inductor 1uH 3.1A 1210 Murata Electronics 1277AS-H-1R0M=P2
26	176	R6, R7, R8, R9, R47, R49, R50, R51	BW-182-504	None	Res 200 1% 1/10W 0402 Panasonic ERJ-2RKF2000X
27	198	R23, R24, R25, R26, R29, R30, R31, R32, R33	BW-242-342	None	Res 100K 1% 1/16W 0402 Yageo RC0402FR-07200KL
28	22	U1	BW-287-161	None	IC AD9516-4 14-output clock generator LFCSP-64 ADI AD9516-4BCPZ
29	22	R48	BW-309-538	None	Res 604 1% 1/10W 0402 Panasonic ERJ-2RKF6040X
30	858	C6, C8, C11, C29, C36, C42, C70, C71, C72, C76, C77, C81, C82, C86, C87, C91, C93, C95, C97, C99, C101, C103, C105, C107, C109, C110, C112, C114, C116, C118, C120, C122, C123, C125, C127, C129, C130, C132, C133	BW-373-241	None	Cap ceramic 10uF 6.3V 20% X5R 0603 Taiyo Yuden JMK107BJ106MA-T
31	66	U2, U3, U15	BW-380-427	None	IC SN74AVC4T234 level shifter 4-ch unidirectional uCSP-11 TI SN74AVC4T234ZSUR
32	66	U20, U21, U22	BW-430-932	None	IC LT3022 adj LDO regulator 1A MSOP-EP-16 Linear Tech LT3022EMSE#PBF
33	22	C30	BW-441-938	None	Cap ceramic 0.22uF 6.3V 10% X5R 0402 Kemet C0402C224K9PAC7867
34	22	C22	BW-455-956	None	Cap ceramic 3300pF 25V 5% X7R 0402 Samsung CL05B332JA5NNNC
35	22	U14	BW-468-510	None	IC M24128 128Kb 16K x 8 I2C 1MHz EEPROM TSSOP-8 ST M24128-BRDW6TP
36	22	R11	BW-473-932	None	Res 5.49K 0.1% 1/16W 0402 Panasonic ERA-2AEB5491X
37	88	R10, R12, R17, R22	BW-532-263	None	Res 0 1/10W 0603 Panasonic ERJ-3GEY0R00V
38	22	X2	BW-579-909	None	Osc 300MHz LVDS 6-pin Microchip DSC1103CI5-300.0000

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39	22	U4	BW-700-030	None	IC NB7V58M LVDS clock multiplexer 2 1 QFN-16 ON NB7V58MMNG
40	22	U9	BW-713-112	None	IC SN74LVC1G125 buffer non-inverting SON-6 TI SN74LVC1G125DRYR
41	242	R1, R27, R28, R38, R39, R40, R41, R42, R43, R44, R45	BW-740-618	None	Res 3.9K 5% 1/10W 0402 Panasonic ERJ-2GEJ392X
42	22	C19	BW-768-871	None	Cap ceramic 150pF 50V 10% COG NPO 0402 Kemet C0402C151K5GAC7867
43	66	R5, R14, R15	BW-783-395	None	Res 49.9 1% 1/16W 0402 Vishay CRCW040249R9FKEDC
44	1738	C1, C2, C3, C4, C5, C7, C9, C10, C12, C13, C14, C15, C16, C17, C18, C21, C23, C24, C25, C26, C27, C28, C31, C32, C33, C34, C35, C37, C38, C39, C40, C41, C43, C44, C45, C46, C47, C48, C50, C51, C52, C53, C54, C55, C56, C63, C64, C65, C73, C74, C75, C78, C79, C80, C83, C84, C85, C88, C89, C90, C92, C94, C96, C98, C100, C102, C104, C106, C108, C111, C113, C115, C117, C119, C121, C124, C126, C128, C131	BW-794-372	None	Cap ceramic 0.1uF 10V 10% X5R 0402 Murata GRM155R61A104KA01D
45	22	U12	BW-822-598	None	IC PCA9846 bus switch 4-channel TSSOP-16 NXP PCA9846PWJ
46	22	R46	BW-864-043	None	Res 698 1% 1/10W 0402 Panasonic ERJ-2RKF6980X
47	88	U16, U17, U18, U19	BW-956-629	None	IC TPS62361 buck switching reg pos adj BGA-16 TI TPS62361BYZHR