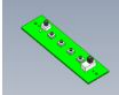
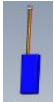
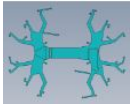
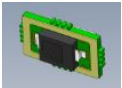









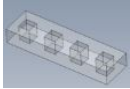


**Housing Assembly (300-003500)****Build 02****Revision Date: 2017-01-11****Revision: A****SYNAPSE**

Item No.	Thumbnail	Synapse Description	Part Number					Qty/Unit	Manufacturing Process	Material	Vendor
			Synapse ME		Synapse EE	Contract Mfgr	Vendor				
1		Outer Front Housing	300-003474	REV-A				1	Transfer molding + threaded inserts	1st shot: Sabic Lexan FXE1414T - BK1A184T, IR colorant 2nd shot: Sabic Lexan HFD1711-701, black	Quickparts (3D Systems)
2		Inner Front Housing	300-003475	REV-A				1	Transfer molding + threaded inserts	1st shot: Sabic Lexan FXE1414T - BK1A184T, IR colorant 2nd shot: Sabic Lexan HFD1711-701, black	Quickparts (3D Systems)
3		Back Housing	310-019543	REV-A				1	Injection Molding	Sabic Lexan HFD1711-701, Black	Quickparts (3D Systems)
4		Housing Button	310-019727	REV-A				4	Injection Molding	Covestro Makrolon 2407, Grey	Quickparts (3D Systems)
5		Light Pipe	310-019618	REV-A			<a href="#">492-1306-ND</a>	1	OTS	PC, 94V-0, Clear	DigiKey
6		Application Board	310-019648	REV-04	100862	SNA27		1	PCBA		
7		Core Module	310-019620	REV-01	100835	SNA26		1	PCBA		
8		Interconnect Board	310-019622	REV-03	100868	SNA29		1	PCBA		

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Item No.	Thumbnail	Synapse Description	Part Number					Qty/Unit	Manufacturing Process	Material	Vendor
			Synapse ME		Synapse EE	Contract Mfg	Vendor				
9		HMD Button Board	310-019621	REV-03	100863	SNA28		1	PCBA		
10		Battery	310-019625	REV-01				1	Custom		Honcell
11		Battery Foam	310-019626	REV-A				1	Diecut	PORON 4701-40-20093-04 SOFT BLACK URETHANE FOAM + 3M 9310LE PSA	Marian
12		Sensor Interconnect FPC	310-019845	REV-06	100885	SNA35		1	FPC		
13		Sensor Board	310-019540	REV-02	100857			32	PCBA		Out of the Box Mfg
14		Sensor Board PSA	310-019640	REV-A			SYNAP-310-019640	32	Diecut	3M 93010LE	Marian
15		HMD Ribbon	310-019750	REV-01		77-310-19750	FFSD-17-D-04.25-01-N-D02-M	1	OTS		Samtec
16		USB Cable, A Male to Micro B, 1ft	310-019453	REV-A				1	OTS		Amazon
17		M3x10 PHMS, Phillips	310-020058	REV-A			1. 91800A052 2. 10098	3	OTS		1. McMaster 2. Metricscrews.us

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Item No.	Thumbnail	Synapse Description	Part Number				Qty/Unit	Manufacturing Process	Material	Vendor
			Synapse ME	Synapse EE	Contract Mfgr	Vendor				
18		M2x5 PHMS, Phillips	310-019808	REV-A		<a href="#">92005A019</a>	14	OTS		McMaster
19		M2x5 FHMS, Phillips	310-019809	REV-A		<a href="#">91420A002</a>	2	OTS		McMaster
20		M1x3 PHMS, Phillips	310-020057	REV-A		1. SNZS-M1-3 2. 20598	2	OTS		1. NBK 2. Metricscrews.us
21		Antenna	310-020025	REV-A		<a href="#">1475-1019-ND</a>	1	OTS		Digi-Key
22		Housing Button Foam	310-019728	REV-A			1	Diecut	3M 4314 Urethane Foam Tape	Marian
23		Housing Button Label	310-020729	REV-A			1	Diecut	SABIC Lexan 8A35 backed with 3M 9471 PSA. White text on a black background	Adhesa Plate
25		Serial Label	310-021678	REV-01			2			