



Title:	Pegasus RD5-4320	DP--> HDMI/HDMI
Document Number:	B0668-BOM-01C	Bill Of Materials

#	Qty	Description	Manufacturer's Part Number	Manufacturer	PCB Footprint	Part Reference	Notes
0	1	Bare PCB	400-652 Rev.B2	Kinetic Technologies	4 Layer, Green		
Connectors							
1	1	USB Micro-B Receptacle				CN301	
2	1	Standard DisplayPort Connector				CN401	
3	2	0.1" 4x1 Header				CN501, CN701	
4	2	TYCO HDMI Receptacle, 1747981-1				CN803, CN904	
5	2	S/PDIF Connector				CN1001, CN1002	
6	2	1uF				C301, C627	
7	15	10uF				C302, C303, C304, C306, C307, C308, C601, C602, C611, C617, C618, C623, C630, C812, C917	
8	59	0.1uF				C305, C309, C310, C311, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C501, C502, C503, C504, C607, C608, C609, C610, C622, C628, C629, C803, C804, C805, C806, C807, C808, C809, C810, C813, C814, C815, C816, C817, C818, C819, C820, C908, C909, C910, C911, C912, C913, C914, C915, C918, C919, C920, C921, C922, C923, C924, C925, C1001, C1002	
9	3	22pF				C505, C506, C507	
10	3	47uF				C508, C811, C916	
11	5	0.01uF				C603, C615, C616, C619, C624	
12	9	0.47uF				C604, C605, C606, C613, C614, C620, C621, C625, C626	
13	1	1.0uF				C612	
14	1	LED THIN 565 nm GRN DIFF				D301	
15	7	HSP061, ESD				D401, D402, D403, D804, D805, D903, D905	
16	3	ESD, 8.5V				D405, D801, D901	
17	1	Schottky Diode				D802	
18	8	ESD, 6V				D803, D806, D807, D808, D902, D904, D906, D907	
19	3	120 ohms @ 100MHz, 2A				FB601, FB602, FB603	
20	4	Fuse Slim SLO-BLO .5A, 63V				F301, F401, F801, F901	
21	1	Fuse PTC Reset 24V .20A				F501	

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22	2	Power Inductor 3.3uH				L301, L302	
23	7	10K				R301, R303, R402, R407, R503, R504, R508	
24	1	31.6K				R302	
25	1	20K				R304	
26	1	24.9K				R305	
27	1	49.9K				R306	
28	1	330				R310	
29	4	1M				R401, R409, R410, R411	
30	1	10				R403	
31	2	20				R404, R405	
32	11	100K				R406, R412, R413, R414, R415, R416, R417, R418, R419, R812, R916	
33	3	249 1%				R501, R502, R505	
34	1	3K				R506	
35	51	4.7K				R507, R510, R511, R512, R513, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R805, R806, R807, R808, R809, R810, R811, R813, R814, R815, R816, R817, R909, R910, R911, R912, R913, R914, R915, R917, R918, R919, R920, R921	
36	2	4.02K				R818, R922	
37	1	27K				R819	
38	2	180				R1001, R1003	
39	2	75				R1002, R1004	
40	1	TACT MOM 130GF H=5mm				SW501	
41	2	ST1S06-ADJ				U301, U302	
42	1	SST25VF020B, SPI Flash, 2Mbits, SO8, 80MHz				U502	
43	1	Pegasus STDP4320, Splitter				U601	
44	2	SN75DP139, HDMI Level Shifter				U803, U904	
45	2	7SZ125, Driver				U1001, U1002	
46	1	27.000MHz Crystal				Y501	