



Title:	MYSTIQUE -- RD3-2650 DP1.2 to HDMI1.4
Document Number:	B0642-SCH-01D #400-626 Bill Of Materials

Item	Qty	Fitted	Value	Manufacturer's part number	Manufacturer	Package	Reference	Notes
1	1	YES	Low Leakage Current Diode BAT41KFILM,	BAT41KFILM	STMicroelectronics	SOD-523	D702	
2	1	YES	HDMI Connector,	500254-1927	MOLEX	Right Angle SMT	CN701	
3	1	YES	I2C Bus,	640456-4	Tyco Electronics	CON\FL-04\REV	CN501	
4	1	YES	Micro-USB Type B Receptacle,	DX4R005J91R1500	JAE	Type B	CN301	
5	1	YES	MOLEX 47272-0002,	47272-0002	MOLEX	Right Angle SMT	CN401	
6	1	YES	RCJ-024,	RCJ-024	CUI	CUI/RCJ-02X	CN503	
7	1	YES	UART (+5V TTL),	640456-4	Tyco Electronics	CON\FL-04\REV	CN502	
8	6	YES	ST-HSP061,	HSP061-4NY8	STMicroelectronics	4NY8	D401, D402, D403, D703, D704, D705	
9	1	YES	FDV301N,	FDV301N	Fairchild	SOT23	Q301	
10	1	YES	SiB912DK,	SiB912DK	VISHAY	SC7	Q701	
11	1	YES	1 Amp Slow,	0468001.NR	LITTLEFUSE	F1206	F301	
12	1	YES	500 mA Slow,	0468.500NR	LITTLEFUSE	F1206	F701	
13	1	YES	500mA,	429 005	LITTLEFUSE	1206	F401	
14	1	DNP	500mA,	429 005	LITTLEFUSE	1206	F402	
15	1	YES	MX25V4006E (4Mb SPI Flash),	MX25V4006EM1-13G	Macronix	8SOP	U502	
16	1	YES	Mystique STDP2650 DP to HDMI,	STDP2650	Kinetic Technologies	LFBGA8X8	U601	
17	1	YES	NC7SZ125,	SN74AHCT1G125DCK	TI	SC70	U505	
18	2	YES	SN74LVC1T45,	SN74LVC1T45DBVR	TI	PDSO-G6	U503, U504	
19	1	YES	ST1S12XX,	ST1S12GR	STMicroelectronics	SOT23-5L	U302	
20	1	YES	STBB1-APUR,	STBB1-APUR	STMicroelectronics	DFN10	U301	
21	1	YES	2.2 uH, 1.0A,	VL3010AT-2R2M1R0	TDK	I3010	L302	
22	1	YES	2.2 uH, 2.5A,	7440430022	Würth Electronics Inc	I7440	L301	
23	8	YES	Ferrite,	BLM18PG121SN1D	Murata Electronics	FB0603	FB301, FB401, FB602, FB603, FB604, FB607, FB608, FB701	
24	1	YES	Ferrite,	2508053007Y3	Fair-Rite	FB0603	FB601	
25	2	YES	Ferrite,	742792023	Würth Electronics Inc	FB0805	FB302, FB304	
26	1	YES	Green,	LNJ308G8TRA	Panasonic - SSG	LED0603	D301	
27	4	NO	Mounting Hole,				MH301, MH302, MH303, MH304	
28	1	YES	0R,			R0402	R704	
29	3	YES	100K, 1%			R0402	R305, R307, R308	
30	9	YES	100K, 5%			R0402	R403, R410, R411, R412, R413, R414, R415, R416, R417	
31	1	DNP	100R, 5%			R0402	R418	
32	6	YES	10K, 5%			R0402	R302, R402, R406, R505, R506, R534	
33	1	DNP	10K, 5%			R0402	R304	
34	1	YES	10R, 5%			R0603	R523	
35	1	YES	180R, 1%			R0603	R524	
36	3	YES	1K, 5%			R0402	R310, R603, R605	
37	4	YES	1M, 5%			R0402	R401, R404, R405, R407	
38	2	YES	20K, 5%			R0402	R306, R301	
39	2	YES	20R, 5%			R0402	R408, R409	
40	2	YES	249R, 1%			R0402	R501	
41	1	YES	27K, 5%			R0402	R709	
42	4	YES	2K2, 5%			R0402	R702, R703, R705, R706	
43	1	YES	330R, 5%			R0402	R309	

Item	Qty	Fitted	Value	Manufacturer's part number	Manufacturer	Package	Reference	Notes
44	1	YES	3K, 5%			R0402	R504	
45	2	YES	47K, 5%			R0402	R701, R311	
46	10	YES	4K7, 5%			R0402	R502, R503, R508, R509, R510, R513, R515, R516, R518, R520	
47	6	DNP	4K7, 5%			R0402	R511, R512, R514, R517, R519, R521	
48	4	YES	200, 1%			R0402	R526, R528, R530, R532	
49	1	YES	560K, 1%			R0402	R303	
50	1	YES	75R, 1%			R0603	R525	
51	1	YES	DNP SW PUSHBUTTON,	PTS635SL50 LFS	C&K ITT	PTS635SL	SW501	
52	1	YES	27.00MHz,	ECS-270-20-33-TR	ECS Inc	ECX-32	Y501	
53	10	YES	10 uF, 10%	C2012X7R1A106K	TDK	C0805	C309, C513, C601, C608, C610, C612, C615, C616, C625, C631	
54	35	YES	100 nF, 10%	C0402C104K8RACTU	Kemet	C0402	C304, C308, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C501, C502, C508, C509, C510, C511, C512, C514, C515, C604, C609, C611, C614, C618, C619, C622, C623, C627, C628, C630, C703, C704	
55	1	YES	100 uF, 20%	ECE-V1AA101WR	Panasonic	C6032	C507	
56	3	YES	22 uF,	TAJA226K010RNJ	AVX	C3216	C411, C412, C701	
57	5	YES	10 uF, 10%	C3225X7R1C106K	TDK	C1210	C301, C302, C305, C306, C307	
58	1	YES	4.7 uF, 10%	1210YD475KAT2A	AVX	C1210	C303	
59	5	YES	470 nF,	GRM155F51C474ZA01D	Murata	C0402	C602, C605, C613, C617, C626	
60	1	YES	1 uF, 10%	C2012X7R1E105K	TDK	C0805	C624	
61	3	YES	10 pF, 5%	C0402C100J5GACTU	Kemet	C0402	C620, C621, C629	
62	3	YES	22 pF, 1%	C1005C0G1H220F	Kemet	C0402	C503, C505, C506	
63	2	YES	200K, 1%			R0402	R602, R601	
64	2	YES	100R, 1%			R0402	R604, R606	
65	2	YES	Si2302CDS	Si2302CDS	VISHAY	SOT23	Q601, Q602	