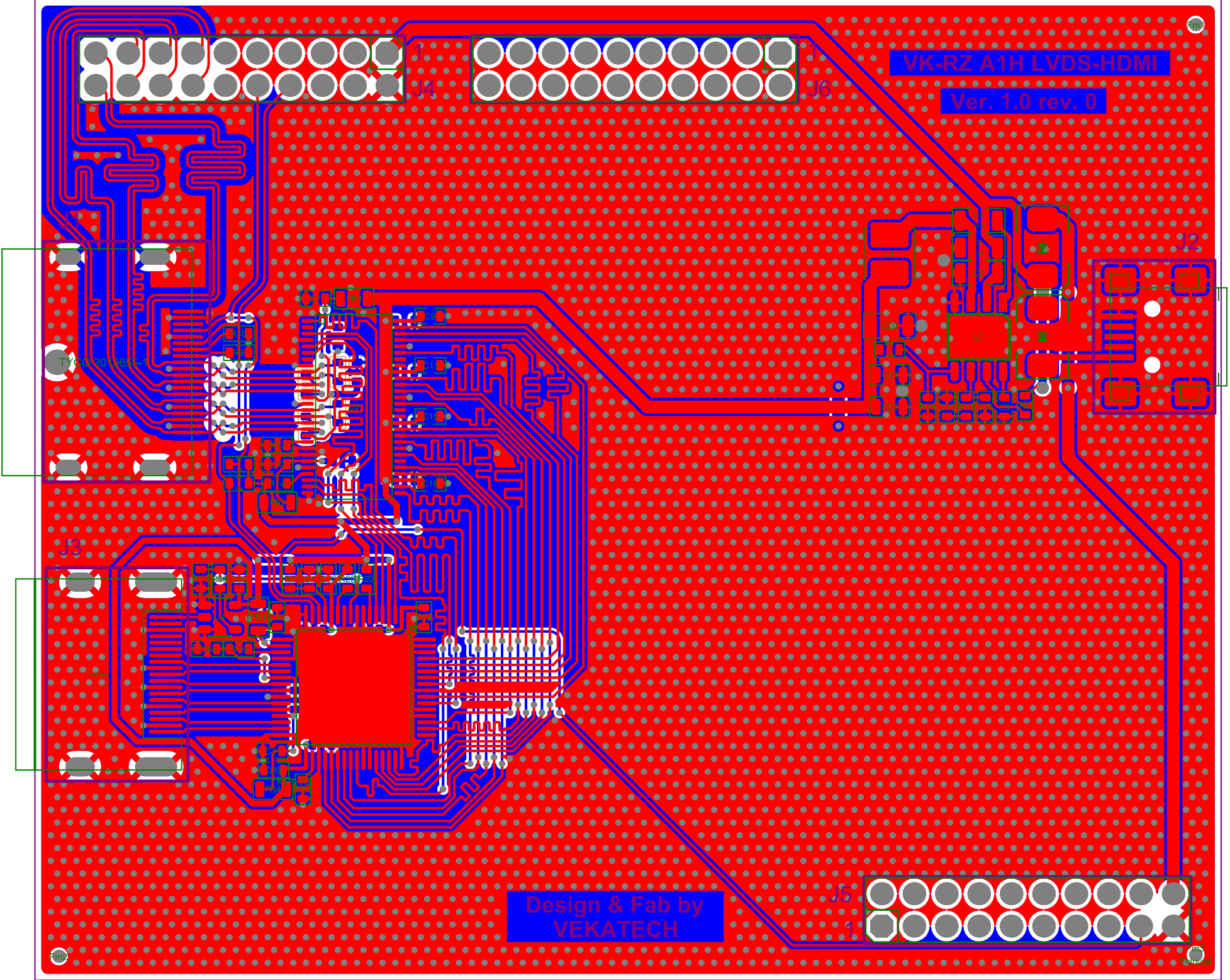


VK-RZ-A1H-LVDS-HDMI

Ver. 1.0 rev. 0

Design & Fab by
VEKATECH



Bill of Materials

VK-RZ A1H LVDS-HDMI V1.0.0.PrjPcb

Creation Date:	16.11.2017 г.		11:58:39	
Designator	Comment	Description	#Column Name Error:Typ	Quantity
C1, C4, C5, C6, C7, C8, C9, C10, C11, C12, C14, C15, C17, C18, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34	100n	SMD-0603		26
C2, C3, C20	10u	SMD-1206 10V Y5V +80/-20%		3
C13	22n	SMD-1206 500V X7R 10%		1
C16	220p	SMD-0603		1
C19	22n	SMD-0603		1
C21	1u	SMD-0805 16V X7R 10%		1
C22	100n	SMD-0805 50V X7R 10%		1
D1, D2	SS24	SMD SMB 40V 2A		2
FB1, FB2, FB3, FB4	330	0805 1.5A 0.09ohm		4
J1	TYCO 2013655-1			1
J2	USB Mini	USB B Micro R/A SMD		1
J3	HDMI-A	SMD		1
J4, J5, J6	H-2x10 SMD			3
L1	4.7u	1.7A 0.08om 7x4x1.65mm		1
R1, R2, R3, R4	100	SMD 0603 0.1W 5% 50V		4
R5, R6, R7, R9, R10, R11, R12, R14, R17, R21	10k	SMD 0603 0.1W 5% 50V		10
R8, R13	100k	SMD 0603 0.1W 5% 50V		2
R15	12.1k	SMD 0603 0.1W 1% 50V		1
R16	4.7k	SMD 0603 0.1W 1% 50V		1
R18	1k	SMD 0603 0.1W 5% 50V		1
R19	510	SMD 0603 0.1W 5% 50V		1
R20, R22	4.7k	SMD 0603 0.1W 5% 50V		2
U1	AP3512E	Vin-4.5-18V 500KHz Fb-0.925V I _{max} -2A		1
U2	SN75LVDS82BDGG	Serial=> Paralel		1
U3	TFP410	Paralel=>Serial LVD		1
U4	74LVC1G125			1
				73