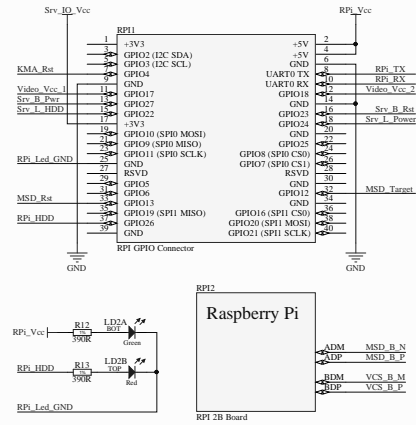
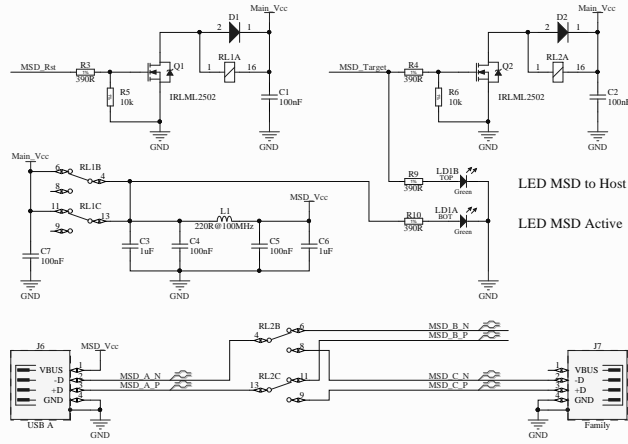


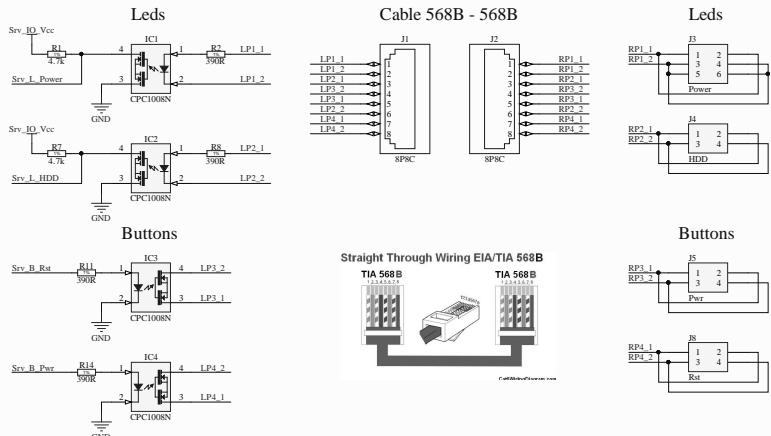
RPi / Core



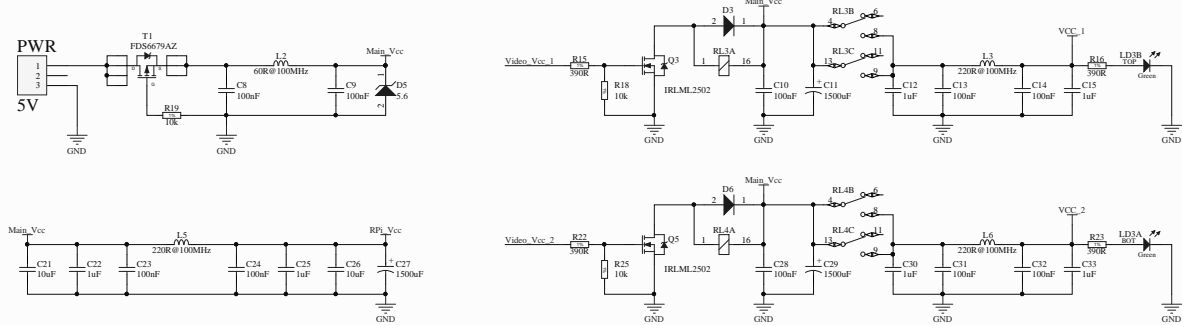
Mass Storage Device (MSD)



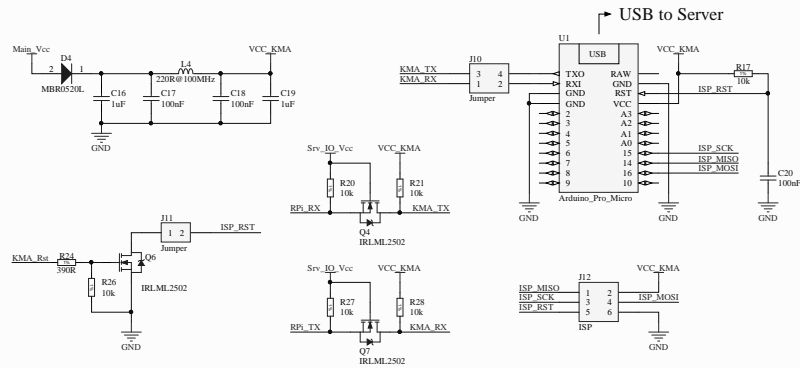
Server Power Control (SPC)



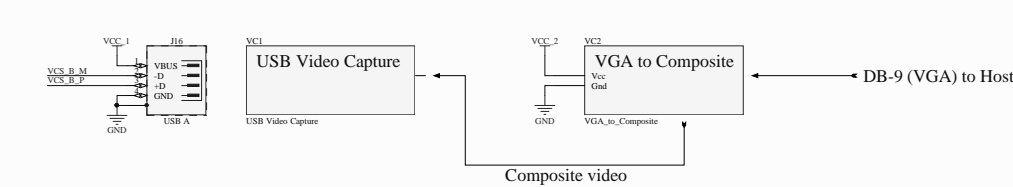
Power sys



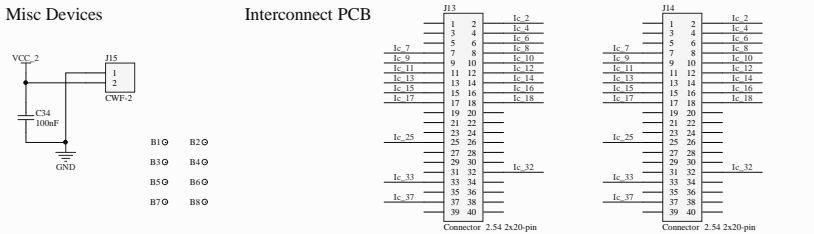
Arduino Pro Micro Keyboard and Mouse adapter (KMA)



Video Capture System



Misc Devices



Designator	Quantity	Description	Comment	Footprint	Manufacturer	Manufacturer Part Number
B1, B2, B3, B4, B5, B6, B7, B8	8	PLATED_HOLE3.0_PAD6.0	Family	MTG300_600_vias	GENERIC	PLATED_HOLE3.0_PAD6.0
C1, C2, C4, C5, C7, C8, C9, C10, C13, C14, C17, C18, C20, C23, C24, C28, C31, C32, C34	19	C_0805_100nF_50V_10%_X7R	100nF	CAPC2012X135N	Yageo(YAG)	CC0805KPX7R9BB104
C3, C6, C12, C15, C16, C19, C22, C25, C30, C33	10	C_0805_1uF_16V_10%_X7R	1uF	CAPC2012X135N	Murata Electronics Inc. (MUR)	GRM21BR11C105KA01L
C11, C27, C29	3	Cap 1500uF x 6.3V	1500uF	CAPPR500-1050X1300	United Chemi-Con	EKZH6R3ELL152MH20D
C21, C26	2	C_0805_10uF_10V_10%_X7R	10uF	CAPC2012X135N	Murata Electronics Inc. (MUR)	GRM21BR71A106KE51L
D1, D2, D3, D6	4	1N4148W	1N4148W	SOD3816X118N	On Semiconductor(ONS)	1N4148W
D4	1	MBR0520L	MBR0520L	SOD3816X118N	On Semiconductor(ONS)	MBR0520L
D5	1	1.5 W Zener Voltage Regulator, 2-Pin SMA, Pb-Free, Tape and Reel	5.6	DIOM5027X244N	On Semiconductor	1SMA5919BT3G
IC1, IC2, IC3, IC4	4	PhotoMOS Relay	CPC1008N	SOIC254P610X218-4N	ixys Corporation (IXYS)	CPC1008N
J1, J2	2	1 Port, 8 Positions, CAT3 RJ45 Horizontal Modular Jack	8P8C	FCL_54602-908LF	Fci Electronics(FCI)	54602-908LF
J3	1	Connector 2.54 3x2-pin	Power	SAMTEC_MTLW-103-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-6
J4	1	Connector 2.54 2x2-pin	HDD	SAMTEC_MTLW-102-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-8
J5	1	Connector 2.54 2x2-pin	Pwr	SAMTEC_MTLW-102-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-8
J6, J16	2	4 Pin + 1 Shield USB Receptacle	USB A	FCL_87520-0010BLF	Te Connectivity(TE)	292303-1
J7	1	4 Pin + 1 Shield USB Receptacle	Family	TYCO_292304-1	Te Connectivity(TE)	292304-1
J8	1	Connector 2.54 2x2-pin	Rst	SAMTEC_MTLW-102-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-8
J9	1	Connector 5.08 3-pin	Connector 5.08 3-pin	PHOENIX_1755749		
J10	1	Connector 2.54 2x2-pin	Jumper	SAMTEC_MTLW-102-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-8
J11	1	Connector 2.54 2-pin	Jumper	COMATEL_385.0358.1.02.400	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLS-2
J12	1	Connector 2.54 3x2-pin	ISP	SAMTEC_MTLW-103-07-L-D-250	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PLD-6
J13, J14	2	Connector 2.54 2x20-pin	Connector 2.54 2x20-pin	FCL_87606-320LF	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	PBD-40
J15	1	CWF-2	CWF-2	CWF-2	CONNFLY ELECTRONIC CO.,LTD.(CONNFLY)	DS1069-2 M (CWF-2)
L1, L3, L4, L5, L6	5	BLM21PG221SN1D	220R@100MHz	INDC2012X105N	Murata Electronics Inc. (MUR)	BLM21PG221SN1D
L2	1	BLM41PG600SN1L	60R@100MHz	INDC4516X180N	Murata Electronics Inc. (MUR)	BLM41PG600SN1L
LD1, LD3	2	LED x2 Green 1C2A-BOT_3C4A-TOP	Color	LED_DIALIGHT_553-0122-200F	Dialight Corp.(DIALIGHT)	553-0122-200F
LD2	1	2x LED Botom Green, Top Red	Color	LED_DIALIGHT_553-0112-200F	Dialight Corp.(DIALIGHT)	553-0112-200F
Q1, Q2, Q3, Q4, Q5, Q6, Q7	7	N-ch 20V 4.2A 45mOhm	IRLML2502	SOT23	Infineon Technologies Ag (Siemens Semiconductors) (INFIN)	IRLML2502GTRPBF
R1, R7	2	R_0805_4.7k_150V_125mW_1%	4.7k	RESC2012X60N	Yageo(YAG)	RC0805FR-074K7L
R2, R3, R4, R8, R9, R10, R11, R12, R13, R14, R15, R16, R22, R23, R24	15	R_0805_390R_150V_125mW_1%	390R	RESC2012X60N	Yageo(YAG)	RC0805FR-07390RL
R5, R6, R17, R18, R19, R20, R21, R25, R26, R27, R28	11	R_0805_10k_150V_125mW_1%	10k	RESC2012X60N	Yageo(YAG)	RC0805FR-0710KL
RL1, RL2, RL3, RL4	4	Miniature Relay for Signal Circuits	Value	REL_HK19F_DC5V	HUI KE	HK19F-DC5V-SHG
RPI1	1	GPIO Header for Raspberry Pi A+ /B+ /Pi 2 /Pi 3 - 2x20	RPI GPIO Connector	3M_N2540-6002RB	SparkFun Electronics	PRT-14017
RPI2	1	RPI 2B Board	RPI 2B Board	RPI 2B Board	GENERIC	
T1	1	-30V -13A P-Channel PowerTrench MOSFET	FDS6679AZ	SOIC127P600X175-8N	On Semiconductor(ONS-FAIR)	FDS6679AZ
U1	1	Arduino_Pro_Micro	Arduino_Pro_Micro	Arduino_Pro_Micro		
VC1	1	USB Video Capture	USB Video Capture	USB_Video_Capture	GENERIC	
VC2	1	VGA_to_Composite	VGA_to_Composite	VGA_to_Composite	GENERIC	