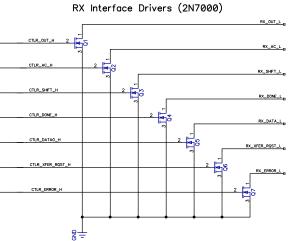


## Termination Resistor Stuff Table

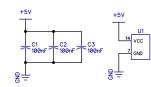
Signal	Resistor	Value
RX_DMA_MODE_H	R2	nostuff
	R3	390
RX_AC_L	R4	120
	R5	nostuff
RX_OUT_L	R6	nostuff
	R7	nostuff
RX_SHIFT_L	R8	nostuff
	R9	nostuff
RX_12BIT_L	R10	180
	R23	390
RX_DATA_L	R11	180
	R12	390
RX_DONE_L	R13	nostuff
	R14	nostuff
RX_XFER_REQ_L	R15	nostuff
	R16	nostuff
RX_INIT_L	R17	nostuff
	R18	390
RX_ERROR_L	R19	nostuff
	R20	nostuff
RX_RUN_L	R21	180
	R22	390

	+5٧		RX	Driv	e Int	terfac	e 40	Эр Не	ader	
	25 <del>2</del> 25 25 25 25 25 25 25 25 25 25 25 25 25	<b>† † </b>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ £ \$ 5	£\$ £\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\		
gRX_DMA_MODE_H								+	J1	
RX_AC_L		<del>-</del>	_		_	_	_	+	_40 38	39 37
B RX OUT L		$\dashv$	$\leftarrow$	$\perp$		$\perp$	_		36 34	35
RX_SHIFT_L			<b>.</b>						32	31
RX_12BIT_L									30 28	29 27
RX_DATA_L				Ĭ				1	26 24 22	25
=				—•				1	22	35 33 31 29 27 25 23 21 19
g RX_DONE_L					*			1 1	18	17
RX_XFER_RQST_L						<del>-                                    </del>		_	16 14	15 13
D RX INIT L		+-		_	$\vdash$		•	+	12 10	9
B RX ERROR L						_	<del>  ↓</del>	<b>—</b> i	8	9 7
RX_RUN_L								<b>↓</b>	4	5 3
						- 1	1	†	2	1_
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# COUT\_L\_0 C\_AC\_L\_0 SHFT\_L\_0 DOME\_L\_0 DATA\_L\_0 SROT\_L\_0 SROT\_L\_0

RX Interface	Receivers (7	4HCT14, 74AI	HCT14)		
gRX_DMA_MODE_H	U1.6	CTLR_DMA_MODE_L	D37 <sub>E</sub>		
RX_12BIT_L	U1.5	CTLR_12BIT_H	D30 <sub>B</sub>		
B_RX_DATA_L	U1.4 9	CTLR_DATAI_H	D333 <sub>E</sub>		
g RX_INIT_L	U1.3 5	CTLR_INIT_H	D3 <sub>E</sub>		
RX_RUN_L	U1.2 3	CTLR_RUN_H	D2 B		
	U1.1				
Preferred: 74HCT14, 74AHCT14 Acceptable: 74HC14, 74AHC14 Unsuitable: 7414, 74LS14, 74ALS14 Unsuitable: 74xx04 (any technology)					



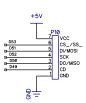
Title								
Arduino	Mega	Shield	for	DEC	RX	Floppy	Emulator	(discrete)

Size	Number			Rev
3	SCH-0001			v4rev2
		_		

Arduino MEGA2560 Headers

ate 2016-10-18	Drawn by DNN
x02_emulator.dch	Sheet1

## SparkFun MicroSD Card Header



# Debug LEDs

