

## Superfo Harlequin 128 issue 4B

Designator	Value	Digikey Part Number	Quantity
C1, C3, C27, C37, C38	10uF	P19522CT-ND	5
C2, C4	27pF	445-173185-1-ND	2
C6	22uF	P15791CT-ND	1
C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C19, C20, C21, C22, C23, C24, C26, C31, C32, C34, C39	0.1uF	8C1160CT-ND	22
C25, C33, C40	10pF	8C1001CT-ND	3
C28, C29	220uF	1189-1546-1-ND	2
C35, C36	3.3nF	8C1075CT-ND	2
<b>C41, C42, C43, C44 (option for RS232)</b>	0.1uF	399-1177-1-ND	4
D1, D2, D3, D4, D6, D7, D8, D9, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30	1N4148	1N4148FS-ND	26
<b>D5 (option for RS232)</b>	1N4742A	1N4742AFSCT-ND	1
DN1	1N4148	1N4148FS-ND	5
J1	RCPT 8	5-520315-8-ND	1
J2	RCPT 5	A105063-ND	1
<b>J1A, J2A, J12, J19, J20 (NOT USE)</b>			
J4	DC JACK	CP-002A-ND	1
J5, J6	AUDIO JACK	CP1-3525N-ND	1
<b>J5A (option to has Video and Audio the same Jack)</b>	AUDIO JACK	PJ-322 (ebay)	1
<b>J7 (NOT USE)</b>	Header 2X2	2553-2011-2X02G005B-ND	1
J8	Mini-DIN 9	CP-2290-ND	1
J9	D Connector 9	AE10968-ND	1
<b>J10, J11 (NOT USE)</b>			
<b>J12 (option for ESP8266 Module)</b>	Header 4X2	S7072-ND	1
J15	Modular6P	553-2258-ND	1
J18	Header 3 MALE	2553-2112-1X03G005B-ND	1
Q1, Q2, Q3, Q4	BC548	BC548BTA-ND	4
R1, R2, R3, R4, R5, R6, R10, R11, R13, R14, R22, R37, R45, R61, R62, R63, R64, R65	10K	CF14JT10K0CT-ND	18
R7, R9, R12, R32, R47, R56, R57, R58, R59, R60, R66, R67, R68, R69, R70, R71, R72, R73	470	CF14JT470RCT-ND	18
<b>R8 (option for RS232)</b>	150	CF14JT150RCT-ND	1
R15	1M	CF14JT1M00CT-ND	1
R16, R35, R36, R50, R53, R54, R55, R77	1K	CF14JT1K00CT-ND	8
R17	4K7	CF14JT4K70CT-ND	1
R18, R48	270	CF14JT270RCT-ND	2
R19, R20, R21, R34, R38, R43	68	CF14JT68ROCT-ND	6
R23, R26, R29	18K	CF14JT18K0CT-ND	3
R24, R27, R30	3K9	CF14JT3K90CT-ND	3
R25, R28, R31, R51, R52	2K2	CF14JT2K20CT-ND	5
R33	33K	CF14JT33K0CT-ND	1
R39, R40, R41, R42	75	CF14JT75ROCT-ND	4
R44, R46	150K	CF14JT150KCT-ND	2
R49	2K7	CF14JT2K70CT-ND	1
R74	560K	CF14JT560KCT-ND	1
R75	2K	CF14JT2K00CT-ND	1
RN1, RN2, RN3	10K*8	4609X-101-103LF-ND	3
SW1	TACTILE SWITCH	450-1661-ND	1
SW2	DIP SWITCH 3 DIGIT	CT2103MS-ND	1
<b>SW3 (OPTION)</b>	SW DPDT	EG1941-ND	1
<b>SW4 (OPTION)</b>	SW 4PDT	563-1568-ND	1
U1	Z80-CPU	269-3892-ND	1
U2	29F040/39SF040	SST39SF040-70-4C-PHE-ND	1
U3	UM61512	EBAY	1
U4, U17, U18, U56	74HC138	296-1575-5-ND	4
U5, U12, U21, U22, U28, U52, U60, U61	74HC32	296-1589-5-ND	8
U6	74HC541 or 74LS541	296-1594-5-ND or 296-1666-5-ND	1
U7, U50	74HC174	296-1579-5-ND	2
U8	HM628128	1450-1017-ND	1
U9, U10, U19, U45	74HC74	296-1602-5-ND	4
U11, U24, U26, U29, U53	74HC08	296-1570-5-ND	5
U13	74HC04	296-1566-5-ND	1
U14, U15, U16	74HC161	296-8244-5-ND	3
U20, U23, U27, U51	74HC00	296-1563-5-ND	4
U25, U37, U38	74HC4040	296-8324-5-ND	3
U30	74HC86	296-8375-5-ND	1
U31, U41, U42, U55	74HC257	296-8285-5-ND	4
U32	MAX3232CDR	296-13094-1-ND	1
U33, U35, U36	74HC574	296-1598-5-ND	3
U34	74HC166	296-8255-5-ND	1
U40, U43, U44	74HC245	296-1584-5-ND	3
U46	R-78E5.0-1.0	945-2201-ND	1
U48	AD724JR	AD724JRZ-RLTR-ND	1
U49	LM311	296-1389-5-ND	1
U54	AY-3-8910	EBAY	1
U57	74HC540	296-8334-5-ND	1
U58	74AC175 or 74ACT175	296-32986-5-ND	1
U59	74HC11	296-8217-5-ND	1
Y1	28.375MHz	449-LFXTAL0245888BULK (mouser.com)	1
Y2	4.433MHz	1923-1420-ND	1
<b>Y3 (OPTION)</b>	OSC 3.579MHz	XC1346CT-ND	1
	SOCKET 8 PIN	AE9986-ND	1
	SOCKET 14 PIN	AE9989-ND	24
	SOCKET 16 PIN	AE9992-ND	17 (19)
	SOCKET 20 PIN	AE9998-ND	8
	SOCKET 32 PIN 0.6"	ED3053-5-ND	2
	SOCKET 32 PIN 0.3"	or 2 of socket 16 pin	1
	SOCKET 40 PIN	ED3048-5-ND	2