<u>Dintree D103 Reverb Delay</u> <u>Parts List</u>

<u>Identifier</u>	<u>Value</u>	Physical Detail	Req. Qty. Note
Resistors			
R5,6,7	5K linear pot	0.281" hole	3
R1,2	100R 1/4W metal film resistor	0.400" lead spacing	2
R3,4,19,20	1K 1/4W metal film resistor	0.400" lead spacing	4
R13,14	3.3K 1/4W metal film resistor	0.400" lead spacing	2
R16,21	4.7K 1/4W metal film resistor	0.400" lead spacing	2
R8,9,10	10K 1/4W metal film resistor	0.400" lead spacing	3
R15,18	15K 1/4W metal film resistor	0.400" lead spacing	2
R11,12	22K 1/4W metal film resistor	0.400" lead spacing	2
R17,22	27K 1/4W metal film resistor	0.400" lead spacing	2
R23,24	100K 1/4W metal film resistor	0.400" lead spacing	2
Capacitors			
C10	15pF ceramic capacitor	0.100" lead spacing	1
C13,15	100pF ceramic capacitor	0.100" lead spacing	2
C6,7,14,16	1000pF ceramic capacitor	0.100" lead spacing	4
C1,2,3,19,20	0.1uF ceramic capacitor	0.100" lead spacing	5
C4,5,8,9	1uF 16V electrolytic capacitor	0.100" lead spacing	4
C11,12,17,18,21	10uF 25V electrolytic capacitor	2.54mm x 5mm	5
Semiconductor D1,2	1N5817 schottky diode	DO-41	2
	1N5817 schottky diode	DO-41	2
LED1	3mm panel mounted LED – red	0.172" hole	1
114	0 1 = 1 1 11 1	000010 0 000	
U1	Spin FV-1 effects processor	28SOIC 0.300	1
-	Spin FV-1 effects processor 24LC32AP 32Kbit EEPROM	8DIP 0.300	1 1
U2			
U1 U2 U3 U4	24LC32AP 32Kbit EEPROM	8DIP 0.300	1
U2 U3 U4	24LC32AP 32Kbit EEPROM TL082 dual op amp	8DIP 0.300 8DIP 0.300	1 1
U2 U3 U4 Misc.	24LC32AP 32Kbit EEPROM TL082 dual op amp	8DIP 0.300 8DIP 0.300	1 1
U2 U3 U4 Misc. S1	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch	8DIP 0.300 8DIP 0.300 TO-220	1 1 1
U2 U3	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch	8DIP 0.300 8DIP 0.300 TO-220	1 1 1
U2 U3 U4 Misc. S1 S2 XTL1	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole	1 1 1
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet	1 1 1 1 1
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a	1 1 1 1 1 1 4 1
U2 U3 U4 Misc. S1 S2	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins board to panel connections	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet 0.100" pitch	1 1 1 1 1 1 1 4 1 2
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4 X1 X2,3 SOCKET1	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins board to panel connections SOIC adapter	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet 0.100" pitch n/a 28SOIC 0.300	1 1 1 1 1 1 4 1 2
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4 X1 X2,3 SOCKET1 SOCKET2,3	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins board to panel connections SOIC adapter 8 pin DIP socket	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet 0.100" pitch n/a 28SOIC 0.300 8DIP 0.300	1 1 1 1 1 1 1 4 1 2 1 2
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4 X1 X2,3 SOCKET1 SOCKET1 SOCKET2,3 PCB	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins board to panel connections SOIC adapter 8 pin DIP socket prototyping PCB	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet 0.100" pitch n/a 28SOIC 0.300	1 1 1 1 1 1 4 1 2 1 2
U2 U3 U4 Misc. S1 S2 XTL1 JACK1,2,3,4 X1 X2,3	24LC32AP 32Kbit EEPROM TL082 dual op amp LM1117T-3.3 +3.3V regulator SPDT on-on toggle switch SPDT on-off-on toggle switch 32.768kHz crystal panel mounted mini jack 16 pin (8x2) header pins board to panel connections SOIC adapter 8 pin DIP socket	8DIP 0.300 8DIP 0.300 TO-220 0.250" hole 0.250" hole n/a see datasheet 0.100" pitch n/a 28SOIC 0.300 8DIP 0.300 n/a	1 1 1 1 1 1 1 4 1 2 1 2