

## DIR9001 to CS8412/14 converter board

Price \$9 \$6

Item	Ref Des	Qty	Manufacturer	Part Number	Description	Value	Tolerance	Voltage	PCB DECAL	Provided	Provided
1	U4	1	Ti or NS	AM26C32ID/DS26C32ATM	RS-422A Receiver				SO16	Yes	No
2	C1, C3, C5, C9	4	Murata	0805 X7R	Capacitor multilayer ceramic	0.1u	10%	16V	805	Yes	Yes
3	C7	1	MURATA	0603 X7R	CAPACITOR, 0603 4.7nF 50V	4n7	5%	50V	805	Yes	Yes
4	C8	1	KEMET	0603 X7R	CAPACITOR, 68NF 50V X7R	68nF	5%	50V	805	Yes	Yes
5	C2 C6	2	Murata	1206 X7R	Capacitor multilayer ceramic	10u	10%	10V	1005	Yes	Yes
6	C4	1	Murata	1206 X7R	Capacitor multilayer ceramic	22u	10%	10V	1005	Yes	Yes
7	U1	1	DIY Fun	9001 --> 8412	Converter Board				DIP28-600	Yes	Yes
8	U2	1	Ti	DIR9001PWG4	Receiver IC 192kHz				SSOP28	No	No
9	U3	1	LT or ST	LT1117-3	Regulator 3.3V			3.3V	SOT223	Yes	No
10	R1	1	KOA	0603 1%	RESISTOR, 0603 681R	680R	1%		805	Yes	Yes
11	R2	1	Taiwan	0805 5%	Resistor 0805	620R	5%		805	Yes	Yes
12	L1	1	Fuan Hua	0805 10%	Inductor 0805	Bead	10%		805	Yes	Yes
13	IC pins 14 pin	2	China	2.5mm pin strip round	2.5mm pitch, gold plated round					Yes	Yes
14	J1-5 jumper	5	China	2.5mm pin strip square	2.5mm pin strip square				SIP-2P	Yes	Yes
15	2-pin jumper	4	China	2.5mm jumper - 2 pins	2.5mm jumper - 2 pins					Yes	Yes

**Price \$6 each kit without 3 lcs (DIR9001, AM26C32ID & LT1117-3)**

**Price \$9 each kit without DIR9001 only**

**Shipping is US\$3 by registered airmail or \$1 by normal airmail for 5 kits or below**