

Ref #	Quantity	Part Description	Designators
1	1	IC, MC9S08QE32,	U1
3	1	IC, HTM1735LF, Humidity Sensor	U2
5	1	IC REG LDO 200MA 3.3V SOT23-5, Voltage Regulator	U3
7	1	Resistor, 10M OHM .5W CARB COMP, 5% Tol	R1
9	1	Res, 8.87k $\Omega$ , 1/4W, Metal Film, 1% Tol	R2
11	1	Res, 2.15k $\Omega$ , 1/4W, Metal Film, 1% Tol	R3
13	1	Res, 10k, 1/4W, Metal Film, 1% Tol	R4
15	1	Res, 1.21k, 1/4W, Metal Film, 1% Tol	R5
17	1	BDM Connector, 6pin	J1
19	1	LCD Display, 1X8 Char	DSP1
21	1	CAP Ceramic, 10pf, 5%, 25V, C0201C100	C1, C2
23	2	CAP CER 10UF 10V Y5V 0805 (electrolytic)	C3
25	1	CAP Ceramic, .1uf, 5%, 08055C104JAT2A	C4, C5, C6, C7
27	1	PWS, 85 - 264 VAC, +5VDC, 1A, PS-05-5	PS1
29	1	Crystal Oscillator, 8MHz	X1
31	1	Pushbutton Switch, (ON)/OFF, 1A, 50M $\Omega$	SW1, SW2, SW3
33	3	Solid-State-Relay, 1.5 V to 5VDC Control  200V, 1A Load	K1
35	1	Fan, 120-180 VAC, 500mA max current draw.	M1