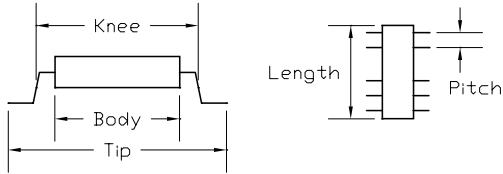


# PA48-40-3QS6 Data Sheet

## 48 pin QSOP(SSOP) socket/40 pin DIP 0.6" plug

### Supported Device/Footprints

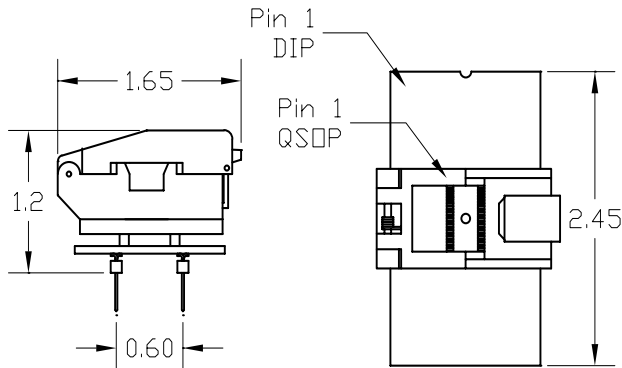
The PA48-40-3QS6 adapter converts a Cypress CY7C63413 in a 48 pin QSOP/SSOP package to its 40 pin DIP 0.6" footprint.



Body	Knee	Tip	Pitch	Length
0.295" typ	0.345" max	0.405"	0.025"	0.625"
7.5mm typ	8.76mm max	10.3mm"	0.635mm	15.9mm"

Mfgr	Package
Cypress	O48

### Adapter Dimensions



### Adapter Construction

The adapter is made up of 2 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced easily.

The following chart lists the adapter described by this datasheet and its subassemblies.

Adapter	Socket	Board
PA48-40-3QS6	48(56)QSH-1387	48QS40-3

### Test Sockets

LSC #	Style	Mfgr/Pn
48(56)QSH-1387	Lidded ZIF	Yamaichi IC51-1387-KS15186

When disassembling the adapter take care not to bend the pins. When reassembling the adapter note the pin 1 indicators to align the parts correctly.

### Adapter Wiring

The following chart shows the connections from the QSOP device to the adapter's DIP plug.

QSOP	SIGNAL	DIP	DIP	SIGNAL	QSOP
1	D+	1	40	VCC	48
2	D-	2	39	GND	47
3	P3.7	3	38	P3.6	46
4	P3.5	4	37	P3.4	45
5	P3.3	5	36	P3.2	44
6	P3.1	6	35	P3.0	43
7	P2.7	7	34	P2.6	42
8	P2.5	8	33	P2.4	41
9	P2.3	9	32	P2.2	40
10	P2.1	10	31	P2.0	39
11	P1.7	11	30	P1.6	38
12	P1.5	12	29	P1.4	37
13	P1.3	13	28	P1.2	36
14	P1.1	14	27	P1.0	35
15	NC	-	-	NC	34
16	NC	-	-	NC	33
17	P0.7	15	26	P0.6	32
18	P0.5	16	25	P0.4	31
19	P0.3	17	24	P0.2	30
20	P0.1	18	23	P0.0	29
21	NC	-	-	NC	28
22	NC	-	-	NC	27
23	VPP	19	22	XTALOUT	26
24	GND	20	21	XTALIN	25