EMULATION TECHNOLOGY, INC.

Specification Number: M5866

PROGRAMMING ADAPTER SPECIFICATION

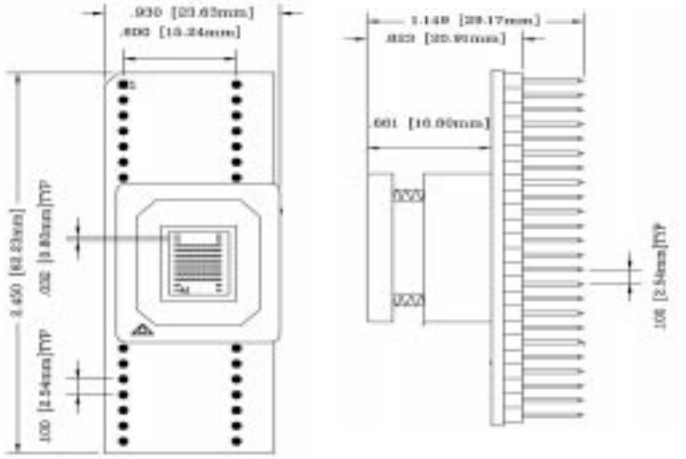
Item: 724801SCSP68X14

Description: AS-72-48-01SCSP-6-8X14

REPLACEMENT SOCKET: S-MBGA-8X12-72-A2

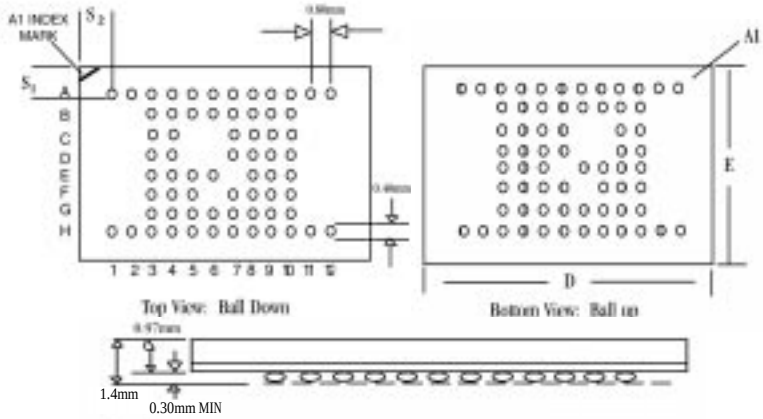
Call Emulation Technology for a replacement socket price and delivery quote.

TYPICAL DIMENSIONS:



All Dimensions in Inches. Assembly Drawing: F5866

PACKAGE SPECIFICATIONS:



	Symbol	NOMINAL Millimeters
Package Body Length	D	14.0
Package Body Width	E	8.0
Corner to First Bump Distance	S1	2.6
Corner to First Bump Distance	S2	1.2

All Dimensions in Millimeters. ET Code: 72-6BG8X12

Notes:

1. SCSP balls D10, H3 (F-Vcc[1]) and D9(S-Vcc) tie to power plane. SCSP ball A10 (F-VccQ) ties to power plane. DIP pin 44 (F/S-Vcc, F-VccQ) ties to power planes.
2. SCSP balls H8 (F-Vss) and D3 (S-Vss) and DIP pin 15 (GND) tie to GND plane. SCSP ball A9 (F-Vssq) and DIP pin 34 (F-VssQ) tie to GND plane.
3. SCSP balls B8 (S-WE#), G10 (S-CS$_1$#), F3 (S-LB#), F4 (S-UB#) and F5 (S-OE#) for the SRAM component tie to power plane to disable these control inputs.
4. SCSP ball D8 (S-CS $_2$) for the SRAM component ties to GND plane to disable this control input.
5. SCSP ball H3 connection to F-Vcc is intended for future product support.
6. Decoupling Capacitors are populated by customer and are application dependent.

CONNECTION TABLE:

STACKED CSP SOCKET	Pin Names	DIP Base
D5	A22	1
E3	F-WP#	2
D4	FRP#	3
H7	F-CE#	4
E4	Vpp	5
C3	F-WE#	6
B7	DQ15	7
B9	DQ14	8
C7	DQ13	9
D7	DQ12	10
E6	DQ11	11
E8	DQ10	12
F7	DQ9	13
F8	DQ8	14
H8,D3	F/S-Vss[2]	15
B10	DQ7	16
C8	DQ6	17
C10	DQ5	18
C9	DQ4	19
E10	DQ3	20
E9	DQ2	21
F10	DQ1	22
F9	DQ0	23
H9	F-OE#	24
B8	S-WE#[3]	Vcc
F3	S-LB#[3]	Vcc
F5	S-OE#[3]	Vcc
D8	S-CS$_2$[4]	Vss
F4	S-UB#[3]	Vcc
G10	S-CS$_1$#3	Vcc
H6	A0	25
G9	A1	26
G8	A22	27
G7	A3	28
H5	A4	29
H4	A5	30
G6	A6	31
G5	A7	32
B4	A8	33
A9	F-VssQ[2]	34
B6	A9	35
B5	A10	36
A4	A11	37
A8	A12	38
A7	A13	39
A6	A14	40
A5	A15	41
B3	A16	42
G4	A17	43
D10,A10,D9,H3[5], G10, B8, F5, F4, F3	F-VccQ[1], F/S-Vcc[1]	44
E5	A19	45
G3	A18	46
A3	A20	47
C5	A21	48

Compatible INTEL devices:
RD28F3208C3
Manufacturers: INTEL

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