EMULATION TECHNOLOGY, INC.

Specification Number: M4334

PROGRAMMING ADAPTER SPECIFICATION

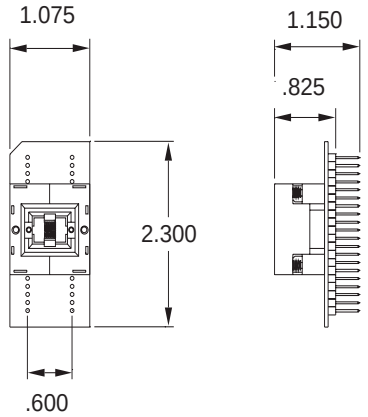
Item: 4840014BG600-16

Description: AS-48-40-01BG-6YAM-16

REPLACEMENT SOCKET: S-MBGA-6X8-48-A

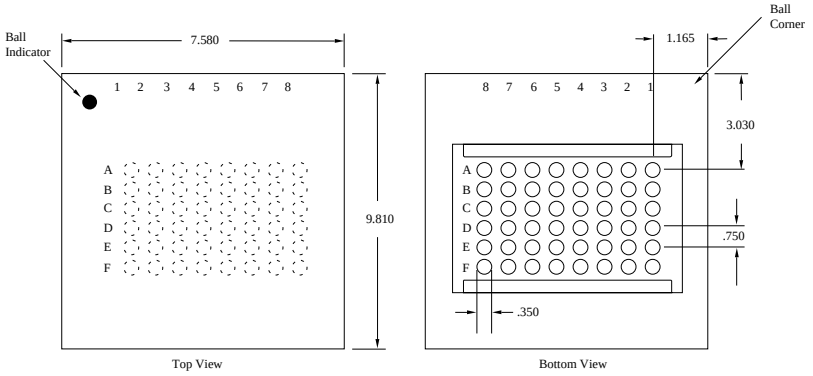
Call Emulation Technology for a replacement socket price and delivery quote.

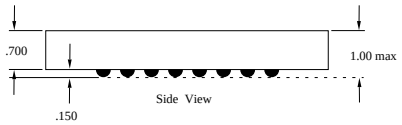
TYPICAL DIMENSIONS:



All Dimensions in Inches. (Assembly Drawing: F4334)

PACKAGE SPECIFICATIONS:





Note:
See Intel's website for the latest information: www.intel.com/design/flcomp/packdata/

All Dimensions in Millimeters. **ET Code: 048-4BG-6X8**

Compatible µBGA devices: GT28F016B3

Manufacturers: Intel

CONNECTION TABLE:

48-Ball µBGA™ SOCKET	PIN Names	40-Pin DIP Base
A4	V_{PP}	1
D7	CE#	2
A5	WP#	3
C4	NC	4
B4	RP#	5
C5	NC	6
A6	A20	7
B5	A19	8
B6	A18	9
D1	A17	10
E8	GND [2]	11
F2	DQ7	12
E3	DQ6	13
D3	DQ5	14
F4	DQ4	15
E5	DQ3	16
D5	DQ2	17
F7	DQ1	18
E7	DQ0	19
F8	OE#	20
D8	A0	21
C8	A1	22
B8	A2	23
C7	A3	24
A8	A4	25
B7	A5	26
C6	A6	27
A7	A7	28
A3	A8	29
F1	GND [2]	30
C3	A9	31
B2	A10	32
E2	A11	33
A2	A12	34
C2	A13	35
A1	A14	36
B1	A15	37
C1	A16	38
B3	WE#	39
F5/E1(L3/4)	V_{CC}/V_{CCQ} [1]	40(L3/4)

Notes:

1. µBGA F5 (V_{cc}) and DIP 40 ($V_{cc/Q}$) are tied to V_{cc} layer 3. µBGA E1 ($V_{cc/Q}$) and DIP40 ($V_{cc/Q}$) are tied to V_{ccQ} layer 4.

2. µBGA F1 and E8 (GND) and DIP 11 and 30 (GND) are tied to GND layers 2 and 5.

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