



954310BGLF

Category: Notebook Chipsets

Generic Part: 954310

Market Group: PC CLOCK

Description: PC MAIN CLOCK

ICS954310 follows the Intel CK410M-compliant clock specification. This clock synthesizer provides a single chip solution for next generation P4 Intel processors and Intel chipsets. ICS954310 is driven with a 14.318MHz crystal.

Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 1 - 0.7V current-mode differential PCIEX/PEREQ# selectable pair
- 6 - 0.7V current-mode differential PCIEX pairs
- 1 - 0.7V current-mode differential CPU_ITP/PCIEX selectable pairs
- 1 - 0.7V current-mode differential SATA pair
- 1 - 0.7V current-mode differential LCDCLK/PCIEX/27MHz selectable pair
- 4 - PCI (33MHz)
- 2 - PCICLK_F, (33MHz) free-running
- 1 - USB, 48MHz
- 1 - DOT, 96MHz, 0.7V current differential pair
- 2 - REF, 14.318MHz

Parameters

| | |
|-------------------------|----------|
| Temperature | C |
| Voltage | 3.3 V |
| Package | TSSOP 64 |
| Speed | NA |
| Status | Active |
| Sample | Yes |
| Minimum Order Quantity | 112 |
| Factory Order Increment | 28 |

Package

| | |
|----------------------------------|--------------------------------|
| Package | TSSOP 64 (PAG64) |
| Description | TSSOP 6.1 MM 0.5MM PITCH |
| Status | Active |
| Class | PLASTIC |
| Category | Green |
| Pb (Lead) Free | Yes |
| Mark | G |
| Package Type | TSSOP |
| Lead Count | 64 |
| Length | 17.0 mm |
| Width | 6.1 mm |
| Thickness | 1.0 mm |
| Pitch | 0.5 mm |
| Tube / Tray | TUBE |
| Quantity per Tube/Tray | 28 |
| Quantity per Reel | 1000 |
| Moisture Sensitivity Level (MSL) | 1 |
| Moisture Exposure Floor Life | Unlimited@<30C/85%RH |
| Peak Reflow Temperature | 260Å°C |
| Rebake Conditions | NA |
| Related Package Documents | view documents |

Distributor Inventory

No Pricing information is available from our Distributors at this time.

Documents

| Type | Title | Size | Revision Date |
|-----------------------|--|--------|---------------|
| Datasheet | 954201 Datasheet | 163 KB | 03/27/2006 |
| | 954204 Datasheet | 200 KB | 03/27/2006 |
| | 954321 Datasheet | 225 KB | 03/27/2006 |
| Misc | PC Clocks Contact Info | 61 KB | 05/29/2007 |
| Product Change Notice | PCN#: TB-0510-05 New Shipping Tube for TSSOPTV/SOP/TSSOP Exposed | 202 KB | 12/13/2005 |