



INTEGRATED SILICON SOLUTION, INC.

Leaded BGA Phase-out Notice
Change Notification No. PCN2019-0021

October 4, 2019

We would like to share this notification regarding ISSI product support which may affect you. UniMOS (China), an assembly subcontractor for ISSI, recently notified ISSI that it has decided to pursue certification of the E-waste standard QC 080000, and also plans to eliminate certain hazardous substances from its production process. Among the hazardous substances to be eliminated is Lead (Pb), a material used in the solder balls of some BGA packages (SnPb). Unimos currently provides the only assembly manufacturing service for ISSI's leaded BGA offering. There is no alternative subcontractor for ISSI to use to support assembly of BGA with SnPb solder balls, therefore ISSI has no choice but to plan the phase out of leaded BGA.

Customers affected by the leaded phase out may continue to buy the product from ISSI or franchised distribution channels for the time being as of the date of the notice. The phase-out plan is below. After the last time buy date, ISSI will do its best to extend availability, but cannot guarantee further availability of leaded BGA. The lead-free (RoHS) alternative is already available (with SAC305 ball material).

If you would like assistance to understand this notice, to obtain information about availability of parts, to purchase parts, or if you need any other information, please contact your ISSI Sales Manager, or ISSI Product Marketing.

Schedule:

New Part Status:	Mass Production
Affected part Last-Time-Buy Date (LTB):	April 30, 2020
Affected part Last-Time-Ship Date (LTS):	October 31, 2020

Please note: this notice does not affect the availability of the lead-free (RoHS) package offering by ISSI. Lead (Pb) has never been present in any lead-free package offering from ISSI. This notice does not affect the lead-free offering.

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List of Leaded BGA Part Numbers

IS42RM32400H-75BI
IS42S16160G-7BI
IS42S16320D-6BI
IS42S16800F-7BI
IS42S32160D-6BI
IS42S32400F-6BI
IS42S32400F-7BI
IS42S32800G-6B
IS42S32800G-6BI
IS42S32800J-6BI
IS42SM32400H-75BI
IS43DR16160A-3DBI
IS43DR16160B-3DBI
IS43DR16320B-3DBI
IS43DR16320C-3DBI
IS43DR16320D-25DBI
IS43DR16320D-3DBI
IS43DR16640A-3DBI
IS43DR16640B-25DBI
IS43DR16640B-3DBI
IS43DR16640C-3DBI
IS43DR81280B-3DBI
IS43DR86400C-25DBI
IS43R16160D-6BI
IS43R16160F-5BI
IS43R16320D-6BI
IS43R16320E-5BI
IS43R32800D-5BI
IS43R86400D-5B
IS43R86400D-6BI
IS43R86400E-5BI
IS45S32400F-7BA25
IS46DR16320C-3DBA2
IS46DR16320D-25DBA2
IS46DR16320D-3DBA2
IS61DDB44M18A-300M3I
IS61LF51236A-6.5B2I
IS61LF51236B-7.5B3I
IS61LPS12836A-200B3I
IS61LPS12836EC-200B3I
IS61LPS25636A-200B3I
IS61LV12824-10BI
IS61LV12824-8BI
IS61LV25616AL-10BI
IS61LV6416-10BI
IS61NLF102418B-6.5B3

IS61NLF51236-6.5B3I
IS61NLP25636A-200B3I
IS61NLP51236-200B3I
IS61NLP51236B-200B3I
IS61NVP51236B-200B3I
IS61QDB22M18-250M3I
IS61QDB22M36A-250M3I
IS61VPS51236A-200B3
IS61VPS51236A-250B3
IS61VPS51236A-250B3I
IS61WV102416BLL-10MI
IS61WV12824-8BI
IS61WV25616BLL-10BI
IS61WV25632BLL-10BI
IS61WV5128BLL-10BI
IS62WV102416ALL-35MI
IS62WV102416BLL-25MI
IS62WV10248BLL-55BI
IS62WV12816BLL-55B2I
IS62WV25616ALL-70BI
IS62WV25616BLL-55BI
IS62WV25616DALL-55B2I
IS62WV51216BLL-55BI
IS64WV102416BLL-10MA3
IS64WV102416EDBLL-12B4A3
IS64WV25616EDBLL-10BA3
IS64WV51216BLL-10MA3
IS64WV6416BLL-15BA3
IS65WV102416BLL-25MA3