



April 25, 2019

Impinj Speedway Reader and Gateway Hardware PCBA and HLA Update

Dear Customer,

Impinj is updating the Speedway reader and gateways printed circuit board assemblies (PCBA) and high level assemblies (HLA). The PCBA and HLA updates do not change the product form, fit or function. Product performance is unchanged. The updates support long-term manufacturability.

Impinj will gradually transition production to the updated PCBAs and HLAs starting May 1, 2019, with complete transition anticipated by summer of 2020. Transition timing will vary by product. Impinj will ship both current and updated PCBA and HLA during the transition period.

The future PCBA and HLA revisions require Octane 6.0 firmware or higher. Earlier versions of Octane firmware will not install on the future revisions. Octane 6.0 firmware will install on current PCBA and HLA revisions.

The table on page 2 lists the current and future PCBA and HLA revisions by product part number. The PCBA and HLA numbers are printed on the label attached to each product. The PCBA number is also available via the web UI and the Octane LLRP *ImpinjDetailedVersion* parameter.

If you have questions about these updates, please contact Impinj at support@impinj.com.

Thank you,

Eric Anderson
Sr. Product Line Manager



Product Part Number	HLA Current	PCBA Current	HLA Future	PCBA Future
IPJ-REV-R120-EU12M1	8783.322-200P Rev 2.00	8783.260-5P Rev 5.1x	8783.322-300P Rev 3.xx	8783.260-6P Rev 6.0x
IPJ-REV-R120-GX22M1	8783.324-200P Rev 2.00	8783.280-5P Rev 5.1x	8783.324-300P Rev 3.xx	8783.280-6P Rev 6.0x
IPJ-REV-R120-USA2M1	8783.320-200P Rev 2.00	8783.240-5P Rev 5.1x	8783.320-300P Rev 3.xx	8783.240-6P Rev 6.0x
IPJ-REV-R220-EU12M1	8783.334-200P Rev 2.00	8783.260-5P Rev 5.1x	8783.334-300P Rev 3.xx	8783.260-6P Rev 6.0x
IPJ-REV-R220-GX12M1	8783.338-200P Rev 2.00	8783.240-5P Rev 5.1x	8783.338-300P Rev 3.xx	8783.240-6P Rev 6.0x
IPJ-REV-R220-GX22M1	8783.342-200P Rev 2.00	8783.280-5P Rev 5.1x	8783.342-300P Rev 3.xx	8783.280-6P Rev 6.0x
IPJ-REV-R220-USA2M1	8783.330-200P Rev 2.00	8783.240-5P Rev 5.1x	8783.330-300P Rev 3.xx	8783.240-6P Rev 6.0x
IPJ-REV-R420-EU12M1	8783.336-200P Rev 2.00	8783.270-5P Rev 5.1x	8783.336-300P Rev 3.xx	8783.270-6P Rev 6.0x
IPJ-REV-R420-EU22M1			8783.386-300P Rev 3.xx	8783.275-6P Rev 6.0x
IPJ-REV-R420-GX12M1	8783.340-200P Rev 2.00	8783.250-5P Rev 5.1x	8783.340-300P Rev 3.xx	8783.250-6P Rev 6.0x
IPJ-REV-R420-GX22M1	8783.344-200P Rev 2.00	8783.290-5P Rev 5.1x	8783.344-300P Rev 3.xx	8783.290-6P Rev 6.0x
IPJ-REV-R420-GX32M1	8783.366-200P Rev 2.00	8783.250-5P Rev 5.1x	8783.366-300P Rev 3.xx	8783.250-6P Rev 6.0x
IPJ-REV-R420-JP22M1	8783.358-200P Rev 2.00	8783.225-5P Rev 5.1x	8783.358-300P Rev 3.xx	8783.225-6P Rev 6.0x
IPJ-REV-R420-USA2M1	8783.332-200P Rev 2.00	8783.250-5P Rev 5.1x	8783.332-300P Rev 3.xx	8783.250-6P Rev 6.0x
IPJ-REV-R640-EU12M1	8783.336-200P Rev 2.00	8783.270-5P REV 5.1x	8783.336-300P Rev 3.xx	8783.270-6P REV 6.0x
IPJ-REV-R640-FCC2M1	8783.332-200P Rev 2.00	8783.250-5P REV 5.1x	8783.332-300P Rev 3.xx	8783.250-6P REV 6.0x
IPJ-REV-R640-GX12M1	8783.340-200P Rev 2.00	8783.250-5P REV 5.1x	8783.340-300P Rev 3.xx	8783.250-6P REV 6.0x
IPJ-REV-R640-GX22M1	8783.344-200P Rev 2.00	8783.290-5P REV 5.1x	8783.344-300P Rev 3.xx	8783.290-6P REV 6.0x
IPJ-REV-R640-GX32M1	8783.366-200P Rev 2.00	8783.250-5P REV 5.1x	8783.366-300P Rev 3.xx	8783.250-6P REV 6.0x
IPJ-REV-R660-EU11M1	8783.382P Rev 1.xx	8783.260-5P Rev 5.1x	8783.382-01P Rev 2.xx	8783.260-6P Rev 6.0x
IPJ-REV-R660-EU21M1			8783.388-01P Rev 2.xx	8783.265-6P Rev 6.0x
IPJ-REV-R660-GX11M1	8783.376P Rev 1.xx	8783.240-5P Rev 5.1x	8783.376-01P Rev 2.xx	8783.240-6P Rev 6.0x
IPJ-REV-R660-GX21M1	8783.378P Rev 1.xx	8783.280-5P Rev 5.1x	8783.378-01P Rev 2.xx	8783.280-6P Rev 6.0x
IPJ-REV-R660-GX31M1	8783.380P Rev 1.xx	8783.240-5P Rev 5.1x	8783.380-01P Rev 2.xx	8783.240-6P Rev 6.0x
IPJ-REV-R660-JP21M1	8783.374P Rev 1.xx	8783.225-5P Rev 5.1x	8783.374-01P Rev 2.xx	8783.225-6P Rev 6.0x
IPJ-REV-R660-USA1M1	8783.370P Rev 1.xx	8783.240-5P Rev 5.1x	8783.370-01P Rev 2.xx	8783.240-6P Rev 6.0x
IPJ-REV-R680-EU11M1	8783.352P Rev 1.0x	8783.260-5P Rev 5.1x	8783.352-03P Rev 3.xx	8783.260-6P Rev 6.0x
IPJ-REV-R680-EU21M1			8783.390-03P Rev 3.xx	8783.265-6P Rev 6.0x
IPJ-REV-R680-GX11M1	8783.354-01P/-02P Rev 2.XX	8783.240-5P Rev 5.1x	8783.354-03P Rev 3.xx	8783.240-6P Rev 6.0x
IPJ-REV-R680-GX21M1	8783.356-01P/-02P Rev 2.XX	8783.280-5P Rev 5.1x	8783.356-03P Rev 3.xx	8783.280-6P Rev 6.0x
IPJ-REV-R680-GX31M1	8783.368-01P/-02P Rev 2.XX	8783.240-5P Rev. 5.1x	8783.368-03P Rev 3.xx	8783.240-6P Rev 6.0x
IPJ-REV-R680-JP21M1	8783.362-01P/-02P Rev 2.XX	8783.225-5P Rev 5.1x	8783.362-03P Rev 3.xx	8783.225-6P Rev 6.0x
IPJ-REV-R680-USA1M1	8783.350-01P/-02P Rev 2.XX	8783.240-5P Rev 5.1x	8783.350-03P Rev 3.xx	8783.240-6P Rev 6.0x