

TYPE 1 BLANK BOARD ORDERING NOTES

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Background

Blank boards are boards which have been programmed and tested with a default ROM image prior to shipping.

They are shipped with the intention of being reprogrammed with the Nistune Base Image Programmer.

Nistune Type 1 boards contain our own implementation of Consult to allow monitoring and realtime tuning of the targeted ECUs. As such it was necessary to inject our firmware into the existing Nissan ROM images.

The majority of the ECUs used standard memory mapped addresses for USB communications. However there are some special cases where the ROM address was reserved by the ECU and we had to use a different location.

Standard Released Boards

Following ECUs will work with the standard released Type 1 board programmed with memory mapped address F700:

CR31/VL RB30E/ET

HR31 RB30DE/DET

N12 E15ET

N13 CA16DE

S12 CA18DE

S13 CA18DE/DET

S13 KA24E

Z31 VG30E/ET

Special Order Boards

Please note that the following ECUs will require the Xilinx chip to be programmed with a different memory mapped address as specified below:

A31 RB20DET - E000 (All models 72LXX, 73Lxx, 94Lxx, 5Lxxx using 72F0F FP1/FP1.1)

J30 VG30E - E000

D21 KA24E/D21 VG30E – E000

EK10 MA09ERT - FD00

This can only be done in house using a Xilinx ISE JTAG programmer. Please let us know if this is a targeted vehicle when ordering blank boards

Thanks

Matt