

i2c Address list

LaVoixski receives the i2c data stream via WIFI in ESP_NOW format or direct connection to the i2c port of the MCU.

The data stream is the group of the bite data packed in 2, 3, 4, 7, 29 bites.

The mapped index numbers are changed by how many bites are grouped with.

The 2 bites group is reserved for the simple switch, selector or values in low resolution.

The 3 bites group is reserved for handling the values in high resolution.

The 4 bites group is reserved for handling the mode/parameter selector with the control values.

The 7 bites group is reserved for the global controller which changes several parameters at the same time.

The 29 bites group is reserved for driving the scene memory.

2 bites			
Description	Parameter	1st bite	2nd bite
Arp Patern	arp2a to arp2e	0x00, 0x10 ~ 0x50	value % 4
Arp Notes ADDR	arpNotes_aa to mode3b	0x01, 0x11 ~ 0x51	value % 32
Waveform Selector	addr1aa to a1	0x02 ~ 0x52	value % 32
muteSwitch Selector	muteSwitchBa to Bf	0x03 ~ 0x53	value % 5
output#3 Selector	op3SelectBa to Bf	0x04 ~ 0x54	value % 15
output level switch	vcs	0x06 ~ 0x56	value % 2
BIAS_SHIFT switch	dst	0x07 ~ 0x57	value % 2
LPF1 Mod Speed	pot00na to nf1	0x08 ~ 0x58	value
Arp Speed	arpSpdBa to Bf	0x09 ~ 0x59	value
Waveform Edit ADDR	addr2b,pot19a~22a,26a	0x0A ~ 0x5A	value % 17
Mod Feedback	pot00ra to f1	0x0B ~ 0x5B	value
LPF2 Mod Speed	pot00oa to f1	0x0C ~ 0x5C	value
Looper Playback Spd	pot00q	0x80	value % 6
Octave Tuning	octDown	0x81	value % 3
Chord Group ADDR	chordSeq	0x82	value % 48
Chromatic Root Tuning	pot00x	0x83	value % 12
Pitch Drift Selector	pitch_drift	0x84	value % 12
Mode2 Selector	mode2	0x85	value % 9
Scale Selector	pot00y	0x86	value % 32
Lch Out Neg "ON"	neg_Flag	0x87	bool
Start SEQ/ARP/Looper	state4	0x88	bool
Parameter Selector	mode4	0x89	value % 10