

# microKORG S

SYNTHESIZER/VOCODER

EFGSCJ1

# Voice Name List

**KORG**

BANK	No. (MIDI)	Name	Category	Arpeggio	
TRANCE	A.11 (0)	Pump Stab	Strings/Pad	Off	
	A.12 (1)	Plucky Synth	Arpeggio	Off	
	A.13 (2)	UniArpo	Arpeggio	On	
	A.14 (3)	Complicados	Bass	Off	
	A.15 (4)	Growler	Bass	Off	
	A.16 (5)	Heroic Lead	Lead	Off	
	A.17 (6)	AMxPM Synth	Synth	Off	
	A.18 (7)	ClaviPhone	Synth	Off	
	A.21 (8)	TriStep Jag	Arpeggio	Off	
TECHNO/HOUSE	A.22 (9)	Metallic Arp	Arpeggio	On	
	A.23 (10)	Build Arp	Arpeggio	On	
	A.24 (11)	Gnaw Bass	Bass	Off	
	A.25 (12)	Stab Base	Bass	Off	
	A.26 (13)	Child's Play	Synth	Off	
	A.27 (14)	Planet Lead	Lead	Off	
	A.28 (15)	Space Cat	Strings/Pad	Off	
	A.31 (16)	PluckSyn	Arpeggio	On	
	A.32 (17)	Crispy Lead	Arpeggio	On	
ELECTRONICA	A.33 (18)	Birdy Synth	Lead	Off	
	A.34 (19)	Peacebells	Synth	Off	
	A.35 (20)	PanPolyfonic	Synth	Off	
	A.36 (21)	Trills	Synth	Off	
	A.37 (22)	Tasty Bath	Synth	Off	
	A.38 (23)	Oscillation	KBD	Off	
	D'n'B/BREAKS	A.41 (24)	Nasty Bath	Bass	Off
		A.42 (25)	ScaryVoxBass	Bass	Off
		A.43 (26)	Bad Bass	Bass	Off
A.44 (27)		Jaws' Death	Bass	Off	
A.45 (28)		Angry Tiger	Lead	Off	
A.46 (29)		Lane Drive	Lead	Off	
A.47 (30)		Rampaging	Arpeggio	On	
A.48 (31)		RiseFall Arp	Arpeggio	On	
HIPHOP/VINTAGE		A.51 (32)	Disco Bass	Bass	Off
	A.52 (33)	eF eM Bass	Bass	Off	
	A.53 (34)	Whip Lead	Lead	Off	
	A.54 (35)	Bad Stab	Lead	Off	
	A.55 (36)	Tine E. Piano	KBD	Off	
	A.56 (37)	eF eM Piano	KBD	Off	
	A.57 (38)	VelFiltClav	KBD	Off	
	A.58 (39)	Robot Mouth	Strings/Pad	Off	
	RETRO	A.61 (40)	NewWave Bass	Bass	Off
A.62 (41)		Classic Lead	Lead	Off	
A.63 (42)		Spaceship	Lead	Off	
A.64 (43)		Major Lead	Lead	Off	
A.65 (44)		Squ Rez Lead	Lead	Off	
A.66 (45)		Lofi Beep	Synth	Off	
A.67 (46)		Cerebellum	KBD	Off	
A.68 (47)		SimpleString	Strings/Pad	Off	
S.E./HIT		A.71 (48)	Sickness	S.E.	Off
	A.72 (49)	Light Gun	S.E.	Off	
	A.73 (50)	Transporter	S.E.	Off	
	A.74 (51)	Antiterror	S.E.	Off	
	A.75 (52)	Sweep Chord	Hit	Off	
	A.76 (53)	Bruiser	Hit	Off	
	A.77 (54)	Haus Chord	Hit	On	
	A.78 (55)	Love Parade	Hit	On	
	VOCODER	A.81 (56)	Vox Chord	Vocoder	Off
A.82 (57)		Singer	Vocoder	Off	
A.83 (58)		LadyVoyce	Vocoder	Off	
A.84 (59)		DemonVoyce	Vocoder	Off	
A.85 (60)		Crystalize	Vocoder	Off	
A.86 (61)		Chopping	Vocoder	Off	
A.87 (62)		Simple Echo	Vocoder	Off	
A.88 (63)		Coil Spring	Vocoder	Off	

(MSB 0=0, LSB 32=0)

BANK	No. (MIDI)	Name	Category	Arpeggio	
TRANCE	B.11 (64)	Trancey Arpeg.	Arpeggio	On	
	B.12 (65)	Acid Saw Bass	Bass	On	
	B.13 (66)	Unison Saw Lead	Lead	Off	
	B.14 (67)	Unison HPF+LPF	Lead	On	
	B.15 (68)	Weepy Lead	Lead	Off	
	B.16 (69)	Slippy Pad	Synth	Off	
	B.17 (70)	Sweep Poly Pad	Synth	Off	
	B.18 (71)	Filter Strings	Strings/Pad	Off	
	TECHNO/HOUSE	B.21 (72)	Auto House	Arpeggio	On
B.22 (73)		Burnin' Rave	Arpeggio	On	
B.23 (74)		X-Mod Perc.	Arpeggio	On	
B.24 (75)		House Bass	Bass	Off	
B.25 (76)		Distorted Bass	Bass	Off	
B.26 (77)		Acid Square Bass	Bass	Off	
B.27 (78)		Sync Bass	Bass	Off	
B.28 (79)		Hard House Lead	Lead	Off	
B.31 (80)		Sequence Pad	Arpeggio	On	
ELECTRONICA	B.32 (81)	Bleeps Perc.	Arpeggio	On	
	B.33 (82)	Gated Sync Bass	Bass	Off	
	B.34 (83)	Flap & Sweep	Arpeggio	On	
	B.35 (84)	Reverse Lead	Lead	Off	
	B.36 (85)	IDM Pad	Strings/Pad	Off	
	B.37 (86)	Flanger 5th Pad	Strings/Pad	Off	
	B.38 (87)	Voice /A/	Strings/Pad	Off	
	D'n'B/BREAKS	B.41 (88)	2 Step Bass	Bass	Off
		B.42 (89)	Techstep Ring Bass	Bass	Off
B.43 (90)		Valve Kick Bass	Bass	Off	
B.44 (91)		Drive Bass	Bass	Off	
B.45 (92)		Blade Bass	Bass	Off	
B.46 (93)		Sweep Sync Lead	Lead	Off	
B.47 (94)		Science Lead	Lead	Off	
B.48 (95)		Gated Chord	Synth	Off	
B.51 (96)		Dirty Bass	Bass	Off	
HIPHOP/VINTAGE	B.52 (97)	MG Bass 1	Bass	Off	
	B.53 (98)	R&B Lead	Lead	Off	
	B.54 (99)	PWM Strings	Strings/Pad	Off	
	B.55 (100)	Reed Piano	KBD	Off	
	B.56 (101)	British Organ	KBD	Off	
	B.57 (102)	Synth Clav	KBD	Off	
	B.58 (103)	Tape Choir	Strings/Pad	Off	
	RETRO	B.61 (104)	Elektric Arpeg.	Arpeggio	On
		B.62 (105)	Water Edge	Arpeggio	On
B.63 (106)		80's Synth Bass	Bass	On	
B.64 (107)		Reverse Sync Lead	Lead	Off	
B.65 (108)		Bright Poly Synth	Synth	Off	
B.66 (109)		Poly Synth	Synth	Off	
B.67 (110)		Warm 4th Pad	Strings/Pad	Off	
B.68 (111)		Octave Strings	Strings/Pad	Off	
S.E./HIT		B.71 (112)	Killa Beez	S.E.	Off
	B.72 (113)	Diginator	S.E.	On	
	B.73 (114)	Stutter	S.E.	Off	
	B.74 (115)	Invaders	S.E.	Off	
	B.75 (116)	Ring Chord	Hit	Off	
	B.76 (117)	Sweep min Chord	Hit	Off	
	B.77 (118)	Noisy Hit	Hit	Off	
	B.78 (119)	4 OSC m7 Chord	Hit	Off	
	VOCODER	B.81 (120)	Male-Ahhh	Vocoder	Off
B.82 (121)		Male-Eeee	Vocoder	Off	
B.83 (122)		Male-Ahhh 5th	Vocoder	Off	
B.84 (123)		Vocoder Ensemble	Vocoder	Off	
B.85 (124)		Vocoder Chorus	Vocoder	Off	
B.86 (125)		Vocoder 5th	Vocoder	Off	
B.87 (126)		Bass Vocoder	Vocoder	Off	
B.88 (127)		Voice Changer	Vocoder	Off	

(MSB 0=0, LSB 32=0)

BANK	No. (MIDI)	Name	Category	Arpeggio	
TRANCE	C.11 (0)	Synth Harp	Arpeggio	On	
	C.12 (1)	Acid Ring Bass	Bass	Off	
	C.13 (2)	Unison Ring Lead	Lead	On	
	C.14 (3)	Phaser Lead	Lead	Off	
	C.15 (4)	Synth Pizz	Synth	Off	
	C.16 (5)	Euphoric Synth	Synth	Off	
	C.17 (6)	Flashin' Pad	Strings/Pad	Off	
	C.18 (7)	Stream Pad	Strings/Pad	Off	
	TECHNO/HOUSE	C.21 (8)	S&H Signal	Arpeggio	On
C.22 (9)		Dirty Motion	Arpeggio	On	
C.23 (10)		Short Ring Perc.	Arpeggio	On	
C.24 (11)		Organ Bass	Bass	Off	
C.25 (12)		Unison SQU Bass	Bass	Off	
C.26 (13)		Detune Bass	Bass	Off	
C.27 (14)		Short Synth Bass	Bass	Off	
C.28 (15)		NRG Stab	Lead	Off	
C.31 (16)		Noize Blasts	Arpeggio	On	
ELECTRONICA	C.32 (17)	Future Perc.	Arpeggio	On	
	C.33 (18)	Rhythmic Pad	Synth	Off	
	C.34 (19)	Pump Organ	Synth	Off	
	C.35 (20)	Lazy Pitch	Synth	Off	
	C.36 (21)	BPF 4th Pad	Strings/Pad	Off	
	C.37 (22)	Future Pad	Strings/Pad	Off	
	C.38 (23)	Shadow Pad	Strings/Pad	Off	
	D'n'B/BREAKS	C.41 (24)	X-Mod Bass	Bass	Off
		C.42 (25)	Pipe Bass	Bass	Off
C.43 (26)		Reverse Bass	Bass	Off	
C.44 (27)		RingSync Bass	Bass	Off	
C.45 (28)		HPF Sweep Bass	Bass	Off	
C.46 (29)		Nu Skool Drop	Bass	Off	
C.47 (30)		Modulation Lead	Lead	Off	
C.48 (31)		Grimey Storm	Arpeggio	On	
C.51 (32)		Dark Bass	Bass	Off	
HIPHOP/VINTAGE	C.52 (33)	MG Bass 2	Bass	Off	
	C.53 (34)	Sub Bass	Bass	Off	
	C.54 (35)	70's Funk Lead	Lead	Off	
	C.55 (36)	Rock Organ	KBD	Off	
	C.56 (37)	Perc. Organ	KBD	Off	
	C.57 (38)	Phaser Clav	KBD	Off	
	C.58 (39)	String Machine	Strings/Pad	Off	
	RETRO	C.61 (40)	Analog Bell	Arpeggio	On
		C.62 (41)	Stairs Pad	Arpeggio	On
C.63 (42)		Triangle Lead	Lead	Off	
C.64 (43)		Random Comp	Synth	Off	
C.65 (44)		Stab Saw	Synth	Off	
C.66 (45)		Square Comp	Synth	Off	
C.67 (46)		Detuned Comp	Synth	Off	
C.68 (47)		Old Strings	Strings/Pad	Off	
S.E./HIT		C.71 (48)	Time Zone SFX	S.E.	Off
	C.72 (49)	Domin8or	S.E.	Off	
	C.73 (50)	Thunder	S.E.	Off	
	C.74 (51)	Cry	S.E.	Off	
	C.75 (52)	HPF m7 Chord	Hit	Off	
	C.76 (53)	M3rd Chord	Hit	Off	
	C.77 (54)	Hardcore Hit	Hit	Off	
	C.78 (55)	Artcore M7 Chord	Hit	Off	
	VOCODER	C.81 (56)	Female-Ahhh	Vocoder	Off
C.82 (57)		Kid-Eeee	Vocoder	Off	
C.83 (58)		Kid-Ahhh (Wow)	Vocoder	Off	
C.84 (59)		Vocoder Pulse	Vocoder	Off	
C.85 (60)		Vocoder SQU	Vocoder	Off	
C.86 (61)		Vocoder Wah	Vocoder	Off	
C.87 (62)		Vocoder Vox Wave	Vocoder	Off	
C.88 (63)		Vocoder DWGS	Vocoder	Off	

(MSB 0=0, LSB 32=1)

# Parameter List

EDIT SELECT 1/2	Type	1	2	3	4	5
VOICE (→p.16)	SYNTH/VOCODER	SYNTH/VOCODER Synthesizer, Vocoder	SINGLE/LAYER Single, Layer	VOICE ASSIGN Mono, Poly, Unison	TRIGGER MODE Single, Multi	UNISON DETUNE 0...99
PITCH (→p.17)	SYNTH/VOCODER	TRANSPOSE -24...24	TUNE -50...50	PORTAMENTO 0...127	BEND RANGE -12...12	VIBRATO INT -63...63
OSC1 (→p.18)	SYNTH/VOCODER	WAVE Saw, Square, Triangle, Sine, Vox, DWGS Noise, Audio In	CONTROL 1 0...127	CONTROL 2 0...127	—	—
OSC2 (→p.22)	SYNTH	WAVE Saw, Square, Triangle	OSC MOD OFF, Ring, Sync, RingSync	SEMITONE -24...24	TUNE -63...63	—
AUDIO IN 1 (→p.33)	VOCODER	GATE SENSE 0...127	THRESHOLD 0...127	HPF LEVEL 0...127	HPF GATE Disable, Enable	—
MIXER (→p.23)	SYNTH	OSC 1 LEVEL 0...127	OSC 2 LEVEL 0...127	NOISE LEVEL 0...127	—	—
MIXER (→p.34)	VOCODER	OSC 1 LEVEL 0...127	INST LEVEL 0...127	NOISE LEVEL 0...127	—	—
FILTER (→p.24)	SYNTH	TYPE -24dB LPF, -12dB LPF, -12dB BPF, -12dB HPF	CUTOFF 0...127	RESONANCE 0...127	FILTER EG INT -63...63	FILTER KEY TRACK -63...63
FILTER (→p.35)	VOCODER	FORMANT SHIFT 0, 1, 2, -1, -2	CUTOFF -63...63	RESONANCE 0...127	E.F.SENSE 0...126, Hold	—
FILTER EG (→p.26)	SYNTH	ATTACK 0...127	DECAY 0...127	SUSTAIN 0...127	RELEASE 0...127	EG RESET OFF, ON
FC MOD (→p.36)	VOCODER	SOURCE AMP EG, LFO 1, LFO 2, Velocity, KBD Track, Pitch Bend, MOD.Wheel	INTENSITY -63...63	—	—	—
AMP (→p.27)	SYNTH	LEVEL 0...127	PANPOT L63...Center...R63	DISTORTION OFF, ON	KBD TRACK -63...63	—
AMP (→p.37)	VOCODER	LEVEL 0...127	DIRECT LEVEL 0...127	DISTORTION OFF, ON	KBD TRACK -63...63	—
AMP EG (→p.28)	SYNTH/VOCODER	ATTACK 0...127	DECAY 0...127	SUSTAIN 0...127	RELEASE 0...127	EG RESET OFF, ON
LFO 1 (→p.29)	SYNTH/VOCODER	WAVE Saw, Square1, Triangle, Sample&Hold	KEY SYNC OFF, Timbre, Voice	TEMPO SYNC OFF, ON	FREQUENCY/SYNC NOTE 0...127/1.1...1.32	—
LFO 2 (→p.29)	SYNTH/VOCODER	WAVE Saw, Square2, Sine, Sample&Hold	KEY SYNC OFF, Timbre, Voice	TEMPO SYNC OFF, ON	FREQUENCY/SYNC NOTE 0...127/1.1...1.32	—
PATCH 1, 2, 3, 4 (→p.30)	SYNTH	SOURCE FILTER EG, AMP EG, LFO 1, LFO 2, Velocity, KBD Track, Pitch Bend, MOD.Wheel	DEST Pitch, OSC2 Tune, OSC1 Control1, Noise Level, CutOff, Amp, Pan, LFO2 Frequency	MOD INT -63...63	—	—
CH LEVEL A (→p.38)	VOCODER	CH 1 LEVEL 0...127	CH 2 LEVEL 0...127	CH 3 LEVEL 0...127	CH 4 LEVEL 0...127	—
CH LEVEL B (→p.38)	VOCODER	CH 5 LEVEL 0...127	CH 6 LEVEL 0...127	CH 7 LEVEL 0...127	CH 8 LEVEL 0...127	—
CH PAN A (→p.38)	VOCODER	CH 1 PAN L63...Center...R63	CH 2 PAN L63...Center...R63	CH 3 PAN L63...Center...R63	CH 4 PAN L63...Center...R63	—
CH PAN B (→p.38)	VOCODER	CH 5 PAN L63...Center...R63	CH 6 PAN L63...Center...R63	CH 7 PAN L63...Center...R63	CH 8 PAN L63...Center...R63	—
MOD FX (→p.40)	SYNTH/VOCODER	TYPE Chorus/Flanger, Ensemble, Phaser	LFO SPEED 0...127	EFFECT DEPTH 0...127	—	—
DELAY (→p.41)	SYNTH/VOCODER	TYPE Stereo Delay, Cross Delay, L/R Delay	TEMPO SYNC OFF, ON	DELAY TIME/SYNC NOTE 0...127/1.32...1.1	DELAY DEPTH 0...127	—
EQ (→p.42)	SYNTH/VOCODER	LOW EQ FREQ. 40...1.00	LOW EQ GAIN -12...12	HI EQ FREQ. 1.00...18.0	HI EQ GAIN -12...12	—
ARPEG. A (→p.44)	SYNTH/VOCODER	TEMPO 20...300	RESOLUTION 1/24...1/4	GATE 0...100	TYPE Up, Down, Alternate 1, Alternate 2, Random, Trigger	RANGE 1...4
ARPEG. B (→p.45)	SYNTH/VOCODER	LATCH OFF, ON	SWING -100...100	KEY SYNC OFF, ON	LAST STEP 1...8	TARGET TIMBRE Both, Timbre 1, Timbre 2
GLOBAL (→p.47)	GLOBAL	MASTER TUNE 30.0...50.0	MASTER TRANSPOSE -12...12	VELOCITY CURVE Curve, 1...127	SPEAKER OFF, ON	AUDIO IN THRU OFF, ON
MIDI (→p.51)	MIDI	MIDI CH 1...16	LOCAL OFF, ON	CLOCK Internal, External, Auto	POSITION Post KBD, Pre TG	—

# SHIFT Function List

SHIFT Function	Type	Operation 1	2	(Value)	3	(Value)	4
COPY TIMBRE (CP.t)	SYNTH	[SHIFT]+[1]key	[1]+[2] knob	A.11 ... d.88	[1] key	—	—
INIT LEVEL (in.L)	VOCODER	[SHIFT]+[1]key	[1] key	—	—	—	—
SWAP TIMBRE (Sw.t)	SYNTH	[SHIFT]+[2]key	[2] key	—	—	—	—
INIT PAN (in.P)	VOCODER	[SHIFT]+[2]key	[2] key	—	—	—	—
INIT PROGRAM (ini)	SYNTH/VOCODER	[SHIFT]+[3]key	[3] key	—	—	—	—
MIDI FILTER (Flt)	SYNTH/VOCODER	[SHIFT]+[4]key	[1] knob	Program Change Enable/Disable	—	—	—
			[2] knob	Control Change Enable/Disable	—	—	—
			[3] knob	Pitch Bend Enable/Disable	—	—	—
			[4] knob	System Exclusive Enable/Disable	—	—	—
CONTROL CHANGE (C.Cg)	SYNTH/VOCODER	[SHIFT]+[5]key	[EDIT SELECT 1/2]+[1]...[5]	OFF, CC#00...CC#95	—	—	—
MIDI DATA DUMP (dmP)	SYNTH/VOCODER	[SHIFT]+[6]key	[1] knob	1 Program, Program, Global, All	[6] key	—	—
PRELOAD (PLd)	SYNTH/VOCODER	select Dest Prog, [SHIFT]+[7]key	[1] knob	1 Program	[2]+[3] knob	A.11 ... d.88	[7] key
		[SHIFT]+[7]key	[1] knob	Program, Global	[7] key	—	—
WRITE PROTECT (wt.P)	SYNTH/VOCODER	[SHIFT]+[8]key	[1] knob	OFF, ON	—	—	—
TIMBRE SOLO	—	[SHIFT]+[TIMBRE SELECT]key	—	—	—	—	—
SWITCH EDIT SELECT	—	[SHIFT]+[BANK SIDE]key	—	—	—	—	—
INC PARAM VALUE	—	[SHIFT]+[UP]key	—	—	—	—	—
DEC PARAM VALUE	—	[SHIFT]+[DOWN]key	—	—	—	—	—
ENTER DEMO MODE	—	[SHIFT]+ARPEGGIATOR[ON/OFF]key	—	—	—	—	—

# Long-Press Function List

Long-Press Function	Key	Operation
Enters Favorites mode	[BANK SIDE]	Enables a favorite program to be selected with keys [1] through [8].
Assigns a favorite program	[1]-[8]	Assigns the currently selected program to a favorite program number.
ARP LATCH ON/OFF	ARPEGGIATOR [ON/OFF]	Switches the arpeggiator latch on or off.
Syncs the timbres	[TIMBRE SELECT/FORMANT HOLD]	Syncs two timbres so they can be edited simultaneously.

# DEMO Song List

No.	Name
1	"TRANCE" DEMO
2	"TECHNO/HOUSE" DEMO
3	"ELECTRONICA" DEMO
4	"D'n'B/BREAKS" DEMO
5	"HIPHOP/VINTAGE" DEMO
6	"RETRO" DEMO
7	"S.E./HIT" DEMO
8	"VOCODER" DEMO

# MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1 – 16	1 – 16	Memorized
	Changed	1 – 16	1 – 16	
Mode	Memorized	×	3	
	Messages	×	×	
	Altered	*****	×	
Note Number:	True Voice	0 – 127	0 – 127	
		*****	0 – 127	
Velocity	Note On	○ 9n, V=1 – 127	○ 9n, V=1 – 127	
	Note Off	×	×	
Aftertouch	Polyphonic (Key)	×	×	
	Monophonic (Channel)	×	×	
Pitch Bend		○	○	* B
Control Change	0, 32	○	○	Bank Select (MSB, LSB) *P
	1	○	○	Modulation wheel *C
	6	○	○	Data Entry (MSB) *C
	98, 99	○	○	NRPN (LSB, MSB) *C
	120, 121	×	○	All sound off, Reset all controllers *C
	0 – 95	○	○	Sync control *C
	0 – 95	○	○	Timbre select *C
Program Change	Variable Range	○ 0 – 127	○ 0 – 127	* P
		*****	0 – 127	
System Exclusive		○	○	* 2, * E
System Common	Song Position	×	×	
	Song Select	×	×	
	Tune	×	×	
System Real Time	Clock	○	○	* 3
	Command	×	○	* 3
Aux Messages	Local On/Off	×	×	
	All Notes Off	×	○ 123 – 127	
	Active Sense	○	○	
	Reset	×	×	
<b>Remarks</b> *P, *C, *B, *E: Transmitted/received when MIDI Filter (ProgChg, CtrlChg, P.Bend, SystemEx) settings are respectively ENA. *1: Received according to the CTRL CHANGE setting. *2: In addition to Korg exclusive messages, Inquiry messages, Master Volume messages and Master Fine Tune messages are also supported. *3: When the MIDI "Clock" is internal, transmitted but not received. The opposite for External or Auto.				

Mode 1: OMNI ON, POLY

Mode 2: OMNI ON, MONO

○ : Yes

Mode 3: OMNI OFF, POLY

Mode 4: OMNI OFF, MONO

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