

▷ MELODY IC TABLE*

Type No.	Maximum Number of Tunes (Number of note)	Binary Code	Tune Selection	Serial Trigger	Accompaniment	Preamplifier (Internal)	BUSY END Signal	Dynamic SP	Magnetic	Piezo	Transducer	Envelope	Oscillation	Tune mode	Power Supply	Package	Note
7910 series	2 (128)	○	—	○	○	—	—	○	—	—	○	—	—	—	○	16	•High quality tone •Dynamic SP Drive •Dynamic SP Drive (External)
7920 series	1 (64)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	•Dynamic SP Drive (External)
7930 series	1 (64)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	•Dynamic SP Drive
SVM7940 Series	SVM7940	8	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7941	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7942	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7943	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7944	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7945	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
	SVM7946	(512)	—	○	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •High impedance transducer drive
SVM7950 Series	SVM7950	1	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7951	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7952	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7953	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7954	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7955	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
	SVM7956	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High impedance transducer drive
SVM7960 Series	SVM7960	4	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7961	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7962	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7963	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7964	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7965	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
	SVM7966	(127)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•High quality tone •Dynamic SP Drive •1.5(V/5V)
SVM7970 Series	SVM7970	8	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7971	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7972	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7973	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7974	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7975	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
	SVM7976	(640)	—	—	—	—	—	—	—	—	—	—	—	—	—	18	•Multi melody type •High quality tone •Dynamic SP Drive •1.5(V/5V) *2 Binary coder plus serial trigger *3 Selectable at each tune
SVM7980 Series	SVM7980	8	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7981	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7982	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7983	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7984	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7985	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
	SVM7986	(512)	—	—	—	—	—	—	—	—	—	—	—	—	—	16	•Multi melody type •Dynamic SP Drive
SVM7900 Series	SVM7900	1	—	—	—	—	—	—	—	—	—	—	—	—	—	8	•High impedance transducer drive *4 OSC. resistor is built in (Mask option)
	SVM7901	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	8	•High impedance transducer drive *4 OSC. resistor is built in (Mask option)
	SVM7902	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	8	•High impedance transducer drive *4 OSC. resistor is built in (Mask option)
	SVM7903	(64)	—	—	—	—	—	—	—	—	—	—	—	—	—	8	•High impedance transducer drive *4 OSC. resistor is built in (Mask option)

*Mask option

*Ongoing user service product

(Continue)

*Minimum melody IC order is 100,000 pieces. Please consult S-MOS for specific availability.

Type No.		Maximum Number of Tunes (Number of note)	Tune Selection		Accompaniment	Preamplifier(internal)	BUSY END Signal	Dynamic SP	Transducer			Envelope		Oscillation		Tune mode		Power Supply			Package pin (DIP)	Note
			Binary Code	Serial Trigger					Magnetic	Piezo	External CR	Digital Envelope	CR self	External Clock	Level hold	One-shot	Stop	1.5V	3V	5V		
SVM7800 Series	SVM7800	1 (63)	-	-	-	-	-	-	O	O	-	-	O	O	O	O	-	O	O	-	8	•High impedance transducer drive •5 Level hold or one shot pin selection •6 One shot retrigger function
	SVM7801																					
	SVM7802																					
	SVM7803																					
	SVM7804																					
	SVM7805																					
	SVM7806																					
	SVM7807																					
	SVM7808																					
SVM7820 Series	SVM7809																					
	SVM7820	1 (63)	-	-	-	-	-	-	O	O	-	-	O	O	O	O	-	O	O	-	8	•LED drive •High impedance transducer drive •7 Level hold or one shot pin selection •8 One shot retrigger function
	SVM7821																					
	SVM7822																					
	SVM7823																					
	SVM7824																					
	SVM7825																					
	SVM7826																					
	SVM7827																					
	SVM7828																					
SVM7860 Series	SVM7829																					
	SVM7860	1 (127)	-	O	-	-	O	-	-	-	O	-	O	O	O	-	-	☆			8	•High quality tone •Dynamic SP Drive (External)
SVM7860 Series	SVM7861																					

☆ Mask option

▷ STANDARD MELODY LIST

Code No.	Song Title	Code No.	Song Title	Code No.	Song Title
7910C	Holdilidia	☆7943C _{OE}	Romance de amor	☆7993C _{OC}	Mountain Musician
7910E	Two Minuets		O sole mio	7993C _{ON}	Westminster
7910G	Dark eyebrows		Die Lorelei		A maiden's prayer
	Melodia A		The cuckoos waltz		For Elise
	Melodia B	☆7943C _{OS}	Old folk at home		Romance de amor
7910I	Home on the range		Spring		Amariyllis
	Green Sleeves		Hymne a Lamour		Symphony # 40 (Mozart)
7910K	Lullaby (two songs)		La Mer		Dark eyebrows
7910N	Musunde Hiraite		Farandolles	7993D _{AC}	De camptown races
	Cho-cho		Yesterday		Yellow Rose of Texas-Dixie Land
*7910O	Westminster (two tunes)		L'eau Vive		Stars and Stripes forever-Anchors Aweigh
*7910P	Westminster (accompaniment)		O Tannenbaum		She wore a yellow ribbon-Twinkle twinkle little star
7910Q	Wiegenlied (Brahms)		Symphony # 40 (Mozart)		London Bridge is falling down-Mountain musician
	Rock a bye Baby	☆7943C _{ON}	Hymne a lamour		Row row row a boat-It's a small world
7910CE	Nocturne		Santa Lucia	7993D _{AE}	Home sweet home-Wiegenlied
	Minuet		Hey Jude		Rudolph, The red nosed reindeer Santa Claus is coming to town
7910T	Jingle Bells		L'eau Vive		We wish you a Merry X'mas-Frosty the snow man
7910CF	For Elise		Romance de amor		Jingle Bells-Silent Night
	A maiden's prayer		Yesterday		Joy to the world-The first Noel
7910CG	Romance de Amor		Happy birthday to you		O christmas tree-Hark the herald Angels sing
	Petrouchka		Wedding march		O Tannenbaum-Oh little town of Bethlehem
*7910CH	Westminster	7942D _{AN}	Jingle Bells	7902C _{OA}	X'mas song medley, Red nosed reindeer, O Tannenbaum Jingle bells.
*7910CM	Ave Maria		Joy to the world		Happy birthday
	Westminster		O Tannenbaum	☆7903C _{OB}	Wedding March
7910CN	Whittington		We wish you a Merry X'mas	☆7903C _{OC}	Happy birthday
	Holdilidia		Silent Night	☆7903C _{OE}	Wedding March
	Home on the range		The First Noel	☆7903C _{OG}	Happy birthday
7910CP	Silent lake-side		Frosty the snow man	☆7903C _{OH}	Hymne a lamour
	Mountain Musician		Rudolph the red nosed reindeer	☆7903C _{OJ}	The Alphabet Song
7910CQ	Mary's little lamb			☆7903C _{OK}	Rock a bye Baby
	De camptown races	7950C _{OB}	Les feriles mortos	☆7903C _{OL}	Old Macdonald Had a Farm
7910CR	Lorelei	7950C _{OD}	Blue bell of Scotland	☆7903C _{OS}	Mountain Musician
	Landler tanz	7950C _{OF}	Yodel	☆7903C _{OT}	Jingle Bells
7910CS	Amariyllis	7950C _{OH}	Cantate # 147 (Bach)	☆7903C _{AA}	Love me tender
	Symphony # 40 (Mozart)	☆7951C _{OC}	Mexican hat dance	☆7903C _{AB}	Love Story
7910CU	Jingle Bells	☆7951C _{OD}	Cantate # 147 (Bach)	☆7903C _{AC}	Wedding March
	Silent night	7952C _{OG}	Cantate # 147 (Bach)	☆7903C _{AE}	Congratulations
7910CV	Joy to the world	7954C _{AI}	Green Sleeves	☆7903C _{AH}	Silent Night
	The first noel	☆7955C _{OL}	O'sole mio	☆7903C _{AL}	Saint go'in march'in in
7910CW	O Tannenbaum	☆7955C _{OX}	Happy birthday to you	☆7903C _{AN}	Jingle bells, Red nosed reindeer,
	Frosty the snow man	☆7955C _{CO}	Saint go'in march'in in		Joy to the world.
		☆7955C _{OC}	Music box dancer	☆7903C _{AP}	Music box dancer
		☆7955C _{OF}	Mountain Musician	☆7903C _{AR}	Wedding march (Long version)
7920A	The cuckoos waltz	☆7955C _{AN}	Jingle Bells	☆7903C _{AS}	Let me call you my Sweet heart
7920B	Home sweet home	☆7955C _{BC}	Wedding March	☆7903C _{BA}	Jingle Bells.
7920C	Jingle Bells			☆7903C _{BB}	Silent Night
*7920M	Wedding march			☆7903C _{BN}	Hymne a lamour
*7920Q	Victory Song			☆7903C _{BP}	Mother of mine
7920AH	Wiegenlied (Brahms)	7962C _{OA}	Green Sleeves	☆7903C _{BQ}	Happy birthday
			Home on the range	☆7903C _{BR}	Music box dancer
			Ding Dong	☆7903C _{BS}	Wedding March
			Two Minuets	☆7903C _{BT}	Jingle Bells, Red Nosed Reindeer, Joy to the world
7930B	Home sweet home	7975C _{OB}	Landler tanz	☆7903C _{BU}	For Elise
7930C	Holdilidia		Amariyllis	7902D _{CF}	Christmas song medley
7930D	Lorelei		Home on the range	☆7903C _{CK}	Easter Paradise
*7930E	Westminster		Green Sleeves	7902D _{CS}	Rock A bye baby
7930GA	Yurikago no uta		For Elise	☆7903C _{CT}	Santa Claus is coming to town
7930GB	Jingle Bells		A maiden's prayer	☆7903C _{CV}	The First Noel
7930GC	We wish you a merry X'mas		Mountain Musician	☆7903C _{CY}	When you wish up on a star
7930GD	Rudolph, the red-nosed Reindeer		Yodel	☆7903C _{DEA}	You light up my life
7930GE	For Elise		Ding Dong	☆7903C _{DEB}	Wagner's Wedding March
			Beep sound	7902D _{DEC}	Christmas Medley
			Westminster	☆7903C _{DEH}	Congratulation
7942C _{OT}	Holdilidia	7992C _{OA}	X'mas song medley (8 tunes)		
	Minuet (Bach)	☆7993C _{OC}	Green Sleeves		
	Green Sleeves		De camptown races		
	Symphony # 40 (Mozart)		For Elise		
	Home on the range		Romance de amor		
	Silent lake-side		O sole mio		
	Mountain Musician		Lorelei		
	Happy birthday to you		The cuckoos waltz		
☆7943C _{OE}	Green Sleeves				
	De camptown races				
	For Elise				

* Type 7910P will be used as accompaniment with type 79100.
Note : 7910 Series and SVM7900 Series are ongoing user service products.

☆ One shot mode. (A type)
★ One shot mode (B type)
⊕, ⊗ OSC, resistor is not included on IC

▷STANDARD MELODY LIST

Code No	Song Title	Code No	Song Title	Code No	Song Title
7800Dcs	Silent Night	7820Dsb	Jingle Bells Medley		
7800Dct	Rock a Bye Baby	7820Dsc	Music Box Dancer		
7800Dcv	If You Love Me	7820Dse	Jingle Bells		
7800Dcy	Brahms' Lullaby	7820Dsf	Silver Bells		
7800Dea	Love Story	7820Dsg	It's a Small World		
7800Deb	Happy Birthday to You	7820Dsh	Over The Rainbow		
7800Dec	Jingle Bells	7820DsJ	Easter Parade / Peter Cottontail		
7800Den	Old Macdonald				
7800Dep	Twinkle Twinkle Little Star				
7800Deo	Romance D'amor				
7800Der	White Christmas				
7800Des	Wedding March (Wagner)				
7800Det	Wedding March (Mendelssohn)				
7800Dev	You are my Sunshine				
7800Dfb	O Tannenbaum / Silent Night				
7800Dfc	Silver Bells				
7800Dff	Aure Lee				
7800Dfg	Let me call you my sweet heart				
7800Dfl	Mary Had a Little Lamb				
7800Dfp	Jesus Loves Me				
7800Dft	Yesterday				
7800Dfv	Music Box Dancer				
7800Dfy	My Way				
7800Dga	Easter Parade / Peter Cottontail	7860Csb	Nocturne		
7800Dgb	Love Me Tender / Let Me Call You My Sweet	7860Csc	Minuet		
7802Dre	For Elise	7860Cse	Home on the Range		
		7860Csf	Green Sleeves		
		7860Csg	The Entertainer		
		7860Csh	Lorelei		
		7860Csk	For Elise		
		7860Cec	Tableaux d'une Exposition (Promenade)		
		7860Cee	Je te Veux		
		7860Cef	The Jewels of the Madonna		
		7860Ceg	When I'm Sixty-four		
		7860Ceh	Minuet (Boccherini)		

MELODY IC DESIGN FLOW

