VIZIO Master TV Remote Control IR/SCPL/BT Code List

Master TV Remote Control IR/Keycode/BT list in excel is located in SharePoint here

Change List

Date	Change	HEX	NOTES
10/9/20	Assign PARTNER_PLACEHOLDER_1 to CAMERA	0x0B	Camera IR code launches the Camera app that includes supported apps and recent contacts. Camera turns on when camera enabled app is active.
10/9/20, updated 11/18/20	Assign PARTNER_PLACEHOLDER_2 to LAUNCH_PEACOCK	0x51	Partner key added to 2021 J remotes.
10/9/20, updated 11/18/20	Assign PARTNER_PLACEHOLDER_3 to LAUNCH_TUBI	0x5A	Partner key added to 2021 J remotes.
12/15/20	Reinstated INPUT_COMPONENT_1	0x71	Some skus have composite, some component only, some a combo. Support direct input access code for component.
04/21/20	Assign PARTNER_PLACEHOLDER_4 to LAUNCH_PLUTO_TV	0x60	Partner key added to 2021 J remotes for fall reset & Black Friday skus.
11/12/21	Renamed NUM_REAR_0 - 5 to PARTNER_PLACEHOLDERS 15 - 20	0xF1 0xF2 0xF3 0xF4 0xF5 0xF6	Overlooked inclusion of partner buttons
12/06/21	Added columns for SCPL Keycodes and BT codes		
01/10/22	Assigned PARTNER_PLACEHOLDER_5 to LAUNCH_HBOMAX	0x61	HBO Max and Crackle (0xF8) included on BT XRT140 remote 2. Bluetooth code 0x6B (07).
01/19/22	EDIT_DELETE use same key code set and keypad as for EDIT_BACKSPACE.	0xCD	Keycode set 0, Keycode 8
03/22/22	Corrected partner codes to ALL for platform for Netflix, iHeart, Vudu and XUMO. Added MGO VIA+ as defunct.	n/a	Also added note "No power on for 2016-19 skus" for partner placeholder 5 and going forward. Even though the IR code can switch to the app, TV cannot power on. Tubi and Pluto were the last partner buttons to also power on TV (max 14) for 2016 - 19 skus.
05/24/22	Assigned PARTNER_PLACEHOLDER_6 to STAR (aka *)	0x62	The * key added to XRT270 (2023 L remote) shipping March 2023.

6/15/22	Added STAR (aka *) BT code.		BT code is 0xC0.	
10/10/22	Assigned PARTNER_PLACEHOLDER_7 to LAUNCH_SLING.	0x64	BT is TBD	
10/19/22	Added LAUNCH_SLING BT code.		BT code is 0xC1.	
10/20/22	Update BT codes Camera, heart		BT code is 0x6C for Camera, 0x6E for Launch_iHeart	
07/05/23	Assigned PARTNER_PLACEHOLDER_8 to STAR_ID. STAR_ID issues after Power on, Partner key, MENU, HOME to identify the IR remote with STAR key.		IR code is 0x65. No BT code required as this code only issues for IR remotes with STAR key.	
12/7/23	Assigned the following to STAR_ID temporarily for testing purposes PARTNER_PLACEHOLDER_18 PARTNER_PLACEHOLDER_19 PARTNER_PLACEHOLDER_20	0xF4 0xF5 0xF6	Skipped sequential as the goal is to eventually reassign these skus to new partners or as needed.	
1/11/24	Reversed assignment to STAR_ID, available for reassignment PARTNER_PLACEHOLDER_18 PARTNER_PLACEHOLDER_19 PARTNER_PLACEHOLDER_20	0xF4 0xF5 0xF6		
6/20/24	Revert Camera back to PIP_Audio.	0x0B	Camera TV canceled. Multi-view in development. PIP_Audio to switch audio is expected.	

VIZIO TV IR codes use NEC O4FB.

	Key Label	Decimal	HEX	KEYCODE CODE SET	KEYCODE CODE	BT code	BT HID	Platform	STATUS/OLD KEY IR LABEL	NOTES
1	CH_PLUS	0	0x00	8	1			ALL	keep	Tuner change channel up one in the NON-SKIPPED channel list. DO NOT implicitly switch to TV input if received while in another input.

2	CH_MINUS	1	0x01	8	0			ALL	keep	Tuner change channel down one in the NON-SKIPPED channel list. DO NOT implicitly switch to TV input if received while in another input.
3	AUDIO_VOL_PLUS	2	0x02	5	1	0x80 (07)		ALL	keep	Increment the audio volume on TV (or controlled device)
4	AUDIO_VOL_MINUS	3	0x03	5	0	0x81 (07)		ALL	keep	Decrement the audio volume on TV (or controlled device)
5	ALPHA_q	4	0x04	113	81			ALL	keep	
6	ALPHA_w	5	0x05	119	87			ALL	keep	
7	ALPHA_e	6	0x06	101	69			ALL	keep	
8	PWR_DEV_TOGGLE	7	0x07	11	5			ALL	keep	Toggle power on a controlled device.
9	PWR_TOGGLE	8	0x08	11	2	0x66 (07)		ALL	keep	Toggle power on a TV.
10	AUDIO_MUTE_TOGGLE	9	0x09	5	4	0x7F (07)		ALL	keep	Toggle mute state.
11	~~AUDIO_MTS_CYCLE~~	~~10~~	~~0x0A~~					VIA+	keep	Cycle through audio modes such as stereo, mono, SAP.

12	PIP_AUDIO	11	0x0B			0x6C?? (assigned for camera)		SC	PIP_AUDIO → Camera	PARTNER_PLACEHOLDER_1 reassigned 10/5/21 to CAMERA. In PIP mode, toggle whether the source of audio is main or PIP Revert back to PIP audio as camera TV canceled.
13	ALPHA_LC_R	12	0x0C	114	82			ALL	keep	
14	ALPHA_LC_T	13	0x0D	116	84			ALL	keep	
15	~~PWR_SLEEP_MODE_CYCLE~~	~~14~~	~~0x0E~~					VIA+	keep	Cycle through the avaialable sleep timers, e.g, 30min, 60min, 90min., off, 30min,…
16	ALPHA_y	15	0x0F	121	89			ALL	keep	
17	NUM_0	16	0x10	0	48			ALL	keep	
18	NUM_1	17	0x11	0	49			ALL	keep	
19	NUM_2	18	0x12	0	50			ALL	keep	
20	NUM_3	19	0x13	0	51			ALL	keep	
21	NUM_4	20	0x14	0	52			ALL	keep	
22	NUM_5	21	0x15	0	53			ALL	keep	
23	NUM_6	22	0x16	0	54			ALL	keep	
24	NUM_7	23	0x17	0	55			ALL	keep	
25	NUM_8	24	0x18	0	56			ALL	keep	
26	NUM_9	25	0x19	0	57			ALL	keep	
27	CH_LAST	26	0x1A	8	2			ALL	keep	
28	NAV_INFO	27	0x1B	4	6			ALL	keep	
29	NAV_GUIDE	28	0x1C	4	4			ALL	keep	

30	CH_LIST	29	0x1D	8	3			ALL	keep	Pops up an interactive Tuner channel list in tuner mode.
31	LAUNCH_HAYSTACK	30	0x1E	10				SC	VIDEO_VIEWPORT_ON	Force the app framework into "Viewport mode" If in viewport mode, stay in viewport.
32	LAUNCH_DISNEY+	31	0x1F	10		0x69 (07		SC	VIDEO_OVERLAY_ON	Force the app framework into "overlay mode". If in Overlay, stay in Overlay.
33	AUDIO_MUTE_ON	32	0x20	5	3			ALL	keep	
34	AUDIO_MUTE_OFF	33	0x21	5	2			ALL	keep	
35	PWR_COMPUTE_TOGGLE	34	0x22					VIA+	keep	Toggle power on a COMPUTE product
36	AUDIO_COMPUTE_VOL_PLUS	35	0x23					VIA+	keep	Increment the audio volume on COMPUTE product.
37	AUDIO_COMPUTE_VOL_MINUS	36	0x24					VIA+	keep	Decrement the audio volume on COMPUTE product.
38	PWR_OFF	37	0x25	11	0			ALL	keep	
39	AUDIO_COMPUTE_MUTE_TOGGLE	38	0x26					VIA+	keep	Toggle mute state.
40	INPUT_COMPUTE_CYCLE	39	0x27					VIA+	keep	Sequentially cycle

#	Name	Dec	Hex					VIA	Keep	Notes
										through all the available inputs.
41	~~NAV_COMPUTE_ MENU~~	~~40~~	~~0x28~~					VIA+	keep	Launch the COMPUTE UI. At this point, it's much like the TV legacy menu command. If compute ever adds app constructs, re-define this as COMPUTE VIA (in effect) and add a COMPUTE SETTINGS (no need for a 3rd event as we did on TV if this is a planned transition)
42	ALPHA_u	41	0x29	117	85			ALL	keep	
43	PWR_ON	42	0x2A	11	1			ALL	keep	
44	~~NAV_CANCEL~~	~~43~~	~~0x2B~~	~~4~~	~~1~~			VIA+	keep?	Intended for BD passthrough. Never used yet. Keep? How would this behave differntly than back?
45	~~NAV_SETUP~~	~~44~~	~~0x2C~~	~~4~~	~~12~~			VIA+	keep?	Pass through event to do invoke the pass through device's setup. On VIA players, effectively an overload of a

										MENU event when in full-screen device control mode. Our BD players actually go to the base menu, analagous to receiving a VIA event.
46	NAV_HOME	45	0x2D	4	5	0x4A (07)		ALL	keep	Previously named NAV_VIA
47	TRANSPORT_TRACK_REVERSE	46	0x2E	2	11			ALL	keep	
48	INPUT_CYCLE	47	0x2F			0x2F (07)		ALL	keep	
49	TRANSPORT_STOP	48	0x30	2	9			ALL	keep	
50	TRANSPORT_STEP_BACK	49	0x31	2	7			ALL	keep	
51	TRANSPORT_TRACK_FORWARD	50	0x32	2	10			ALL	keep	
52	TRANSPORT_PLAY	51	0x33	2	3			ALL	keep	
53	TRANSPORT_RECORD	52	0x34	2	4			ALL	keep	
54	TRANSPORT_FAST_REVERSE	53	0x35	2	1			ALL	keep	
55	TRANSPORT_FAST_FORWARD	54	0x36	2	0			ALL	keep	
56	TRANSPORT_PAUSE_TOGGLE	55	0x37	2	2			ALL	keep	
57	TRANSPORT_STEP_FORWARD	56	0x38	2	8			ALL	keep	
58	CLOSED_CAPTION_CYCLE	57	0x39	13	1	0x39 (07)		ALL	keep	
59	NUM_ENTER	58	0x3A					ALL	keep	
60	TRANSPORT_SLOW_REVERSE	59	0x3B	2	6			ALL	keep	

61	TRANSPORT_SLOW_FORWARD	60	0x3C	2	5			ALL	keep	
62	~~DPAD_COMPUTE_UP~~	~~61~~	~~0x3D~~					VIA+	keep	
63	~~DPAD_COMPUTE_DOWN~~	~~62~~	~~0x3E~~					VIA+	keep	
64	~~DPAD_COMPUTE_LEFT~~	~~63~~	~~0x3F~~					VIA+	keep	
65	MIC	64	0x40			0xF0 (07)		SC	VIDEO_ZOOM_PLUS	VIDEO_ZOOM_PLUS: Legacy capability to zoom a the currently viewed video.
66	123_DIGIT_KEYBOARD	65	0x41					SC	VIDEO_ZOOM_MINUS	VIDEO_ZOOM_MINUS: Legacy capability to zoom a the currently viewed video.
67	LAUNCH_REDBOX	66	0x42	10		0x42 (07)		SC	VIEWPORT/OVERLAY TOGGLE	VIA only function, never fielded.
68	NAV_MENU	67	0x43	4	8			VIA+	keep	
69	DPAD_OK	68	0x44	3	2	0x28 (07)		ALL	keep	
70	DPAD_UP	69	0x45	3	8	0x52 (07)		ALL	keep	
71	DPAD_DOWN	70	0x46	3	0	0x51 (07)		ALL	keep	
72	DPAD_LEFT	71	0x47	3	1	0x50 (07)		ALL	keep	
73	DPAD_RIGHT	72	0x48	3	7	0x4F (07)		ALL	keep	
74	NAV_EXIT	73	0x49	4	3			ALL	keep	
75	NAV_BACK	74	0x4A	4	0	0x29 (07)		ALL	keep	

#	Name		Hex					Region	Status	Notes
76	~~NAV_SEARCH_REDUNDANT_NEEDS_FIXED~~	~~75~~	~~0x4B~~					VIA+	deprecate?	No precedent? Since other "search" is UI search, this is theoretically pass through key support. Low priority… Duplicate of DC? Or, distinguish pass through search from platform search.
77	~~DPAD_COMPUTE_RIGHT~~	~~76~~	~~0x4C~~					VIA+	keep	DPAD navigation right
78	~~DPAD_COMPUTE_OK~~	~~77~~	~~0x4D~~					VIA+	keep	DPAD navigation accept, ok, or enter
79	~~NAV_COMPUTE_BACK~~	~~78~~	~~0x4E~~					VIA+	keep	Back button normally adjacent to DPAD. Normally backs out one level of menu or app.
80	NAV_TV_SETTINGS	79	0x4F			14	0x41 (07)	ALL	keep	
81	~~NAV_PROFILE_CHANGE~~	~~80~~	~~0x50~~	4	9			VIA+	keep	Pop up a prompt to change user profile in a platform specific manner.
82	LAUNCH_PEACOCK	81	0x51	10			0x68 (07)	SC	INPUT_AV_CYCLE	PARTNER_PLACEHOLDER_2 reassigned

									10/9/21 Peacock. No power on for 2016-19 skus
83	~~COLOR_YELLOW~~	~~82~~	~~0x52~~				VIA+	keep	Yellow Button VIA - typically "save shortcut" (which is a / b / c / d)?
84	~~COLOR_BLUE~~	~~83~~	~~0x53~~				VIA+	keep	Blue Button VIA - typically toggle viewport mode (which is a / b / c / d)?
85	~~COLOR_RED~~	~~84~~	~~0x54~~				VIA+	keep	Red Button VIA - typically exit app (which is a / b / c / d)?
86	~~COLOR_GREEN~~	~~85~~	~~0x55~~				VIA+	keep	Green Button VIA - typically settings (which is a / b / c / d)?
87	~~NAV_TITLE_MENU~~	~~86~~	~~0x56~~	4	~~13~~		VIA+	keep?	BD pass through event for TITLE (POPUP) menu. Invoke interactive aspect on BD content. It's odd that DISK MENU was already deprecated, as it's more basic than this, right?

88	ALPHA_i	87	0x57	105	73			ALL	keep	
89	ALPHA_o	88	0x58	111	79			ALL	keep	
90	ALPHA_p	89	0x59	112	80			ALL	keep	
91	LAUNCH_TUBI	90	0x5A	10		0x6B (07)		SC	INPUT_COMPONENT_CYCLE	PARTNER_PLACEHOLDER_3 reassigned 10/9/21 to Tubi.
92	ALPHA_a	91	0x5B	97	65			ALL	keep	
93	ALPHA_s	92	0x5C	115	83			ALL	keep	
94	ALPHA_d	93	0x5D	100	68			ALL	keep	
95	ALPHA_f	94	0x5E	102	70			ALL	keep	
96	ALPHA_g	95	0x5F	103	71			ALL	keep	
97	LAUNCH_PLUTO	96	0x60	10		0x6D (07)		SC	PIP_TOGGLE	PARTNER_PLACEHOLDER_4 reassigned 04/21/21 Pluto TV.
98	LAUNCH_HBOMAX	97	0x61			0x70 (07)		SC	PIP_SIZE_CYCLE	PARTNER_PLACEHOLDER_5 reassigned 01/10/22 HBOMAX No power on for 2016-19 skus
99	STAR	98	0x62			0xC0 (07)		SC	PIP_INPUT_CYCLE	PARTNER_PLACEHOLDER_6 reassigned 05/24/22
100	PAIR_MODE_TOGGLE	99	0x63					VIA+	keep	Place the system in a mode where the device link-up is enabled. (E.g., for a BT TV, enable BT Pairing) Link

									mode for Cast
10 1	LAUNCH_SLING	100	0x64			0xC1 (07)		SC	PIP_CH_PLUS	PARTNER_PLACEHOLDER_7 reassigned 10/10/22 No power on for 2016-19 skus
10 2	STAR_ID	101	0x65					SC	VIDEO_FREEZE	PARTNER_PLACEHOLDER_8 reassigned 7/5/23. IR code issues on key release of Home, Back, and Menu (Settings)
10 3	~~NUM_DASH_PIP_SWAP~~	~~102~~	~~0x66~~					VIA+	keep	If a TV supports PIP, it must interpret this as a PIP SWAP event, except when in channel change mode, when it must interpret as a channel "-" event. TVs that have separate SWAP button use this code for it, and "ENTER = 0xff" for the dash key on the number pad. This is an unfortuante legacy key overload.

104	VIDEO_PICTURE_MODE_CYCLE	103	0x67	6	0			ALL	keep	
105	ALPHA_h	104	0x68	104	72			ALL	keep	
106	ALPHA_j	105	0x69	106	74			ALL	keep	
107	ALPHA_k	106	0x6A	107	75			ALL	keep	
108	ALPHA_l	107	0x6B	108	76			ALL	keep	
109	ALPHA_z	108	0x6C	122	90			ALL	keep	
110	ALPHA_x	109	0x6D	120	88			ALL	keep	
111	ALPHA_c	110	0x6E	99	67			ALL	keep	
112	LAUNCH_XUMO	111	0x6F	10		0x6F (07)		ALL	keep	2014 Deprecate 5.1 AUDIO. On Jive TV toggled the wireless surround audio Included VIA+ remote.
113	ALPHA_v	112	0x70	118	86			ALL	keep	
114	INPUT_COMPONENT_1	113	0x71	7	2			ALL	keep	
115	~~INPUT_COMPONENT_2~~	~~114~~	~~0x72~~					VIA+	keep	
116	PARTNER_PLACEHOLDER_9	115	0x73					SC	INPUT_COMPONENT_3	No power on for 2016-19 skus
117	SYMBOL_VERTICAL_BAR	116	0x74	0				ALL	keep	2014 Depreate COMP 4
118	ALPHA_b	117	0x75	98	66			ALL	keep	
119	ALPHA_n	118	0x76	110	78			ALL	keep	
120	VIDEO_WIDE_MODE_CYCLE	119	0x77	6	2			ALL	keep	

121	ALPHA_m	120	0x78	109	77			ALL	keep	
122	ALPHA_Q	121	0x79	81	81			ALL	keep	
123	ALPHA_W	122	0x7A	87	87			ALL	keep	
124	ALPHA_E	123	0x7B	69	69			ALL	keep	
125	ALPHA_R	124	0x7C	82	82			ALL	keep	
126	ALPHA_T	125	0x7D	84	84			ALL	keep	
127	ALPHA_Y	126	0x7E	89	89			ALL	keep	
128	ALPHA_U	127	0x7F	85	85			ALL	keep	
129	PARTNER_PLACEHOLDER_10	128	0x80					SC	MISSING_KEY_DEF_3	No power on for 2016-19 skus
130	INPUT_HDMI_1	129	0x81	7	4			ALL	keep	
131	INPUT_HDMI_2	130	0x82					ALL	keep	
132	INPUT_HDMI_3	131	0x83					ALL	keep	
133	INPUT_HDMI_4	132	0x84					ALL	keep	
134	INPUT_HDMI_5	133	0x85					ALL	keep	
135	INPUT_HDMI_6	134	0x86					SC	keep	
136	INPUT_HDMI_7	135	0x87					SC	keep	
137	SYMBOL_ESC	136	0x88	0				ALL	keep	2014 Deprecate HDMI 8
138	ALPHA_I	137	0x89	73	73			ALL	keep	
139	ALPHA_O	138	0x8A	79	79			ALL	keep	
140	ALPHA_P	139	0x8B	80	80			ALL	keep	
141	ALPHA_A	140	0x8C	65	65			ALL	keep	

142	ALPHA_S	141	0x8D	83	83			ALL	keep	
143	ALPHA_D	142	0x8E	68	68			ALL	keep	
144	ALPHA_F	143	0x8F	70	70			ALL	keep	
145	~~3D_MODE_CYCLE~~	~~144~~	~~0x90~~					VIA+	keep	
146	~~3D_MODE_A~~	~~145~~	~~0x91~~					VIA+	keep	
147	~~3D_MODE_B~~	~~146~~	~~0x92~~					VIA+	keep	
148	ALPHA_G	147	0x93	71	71			ALL	keep	
149	ALPHA_H	148	0x94	72	72			ALL	keep	
150	ALPHA_J	149	0x95	74	74			ALL	keep	
151	ALPHA_K	150	0x96	75	75			ALL	keep	
152	ALPHA_L	151	0x97	76	76			ALL	keep	
153	~~INPUT_RGB~~	~~152~~	~~0x98~~	~~7~~	~~7~~			VIA+	keep	
154	ALPHA_Z	153	0x99	90	90			ALL	keep	
155	ALPHA_X	154	0x9A	88	88			ALL	keep	
156	ALPHA_C	155	0x9B	67	67			ALL	keep	
157	ALPHA_V	156	0x9C	86	86			ALL	keep	
158	ALPHA_B	157	0x9D	66	66			ALL	keep	
159	ALPHA_N	158	0x9E	78	78			ALL	keep	
160	ALPHA_M	159	0x9F	77	77			ALL	keep	
161	PARTNER_PLACEHOLDER_11	160	0xA0					SC	MISSING_KEY_DEF_1	No power on for 2016-19 skus
162	INPUT_AV_1	161	0xA1	7	0			ALL	keep	

#	Name	Dec	Hex					Scope	Action	Note
163	INPUT_AV_2	162	0xA2					VIA+	keep	
164	PARTNER_PLACEHOLDER_12	163	0xA3					SC	INPUT_AV_3	No power on for 2016-19 skus
165	PARTNER_PLACEHOLDER_13	164	0xA4					SC	INPUT_AV_4	No power on for 2016-19 skus
166	SYMBOL_EQUAL	165	0xA5	0	61			ALL	keep	
167	SYMBOL_SEMICOLON	166	0xA6	0	59			ALL	keep	
168	SYMBOL_COMMA	167	0xA7	0	44			ALL	keep	
169	SYMBOL_PERIOD	168	0xA8	0	46			ALL	keep	
170	SYMBOL_AT	169	0xA9	0	64			ALL	keep	
171	SYMBOL_EXCLAMATION_MARK	170	0xAA	0	33			ALL	keep	
172	SYMBOL_HASH	171	0xAB	0	35			ALL	keep	
173	SYMBOL_DOLLAR	172	0xAC	0	36			ALL	keep	
174	SYMBOL_PERCENT	173	0xAD	0	37			ALL	keep	
175	SYMBOL_CARET	174	0xAE	0	94			ALL	keep	
176	SYMBOL_AMPERSAND	175	0xAF	0	38			ALL	keep	
177	PARTNER_PLACEHOLDER_14	176	0xB0					SC	MISSING_KEY_DEF_2	No power on for 2016-19 skus
178	FACTORY_AGING_MODE_TOGGLE	177	0xB1					ALL	overload	Reserve for manufacture testing use
179	FACTORY_DYNAMIC_BACKLIGHT_TOGGLE	178	0xB2					ALL	overload	Reserve for manufacture testing use
180	FACTORY_LIGHT_SENSOR_TOGGLE	179	0xB3					ALL	overload	Reserve for manufacture testing use

18 1	FACTORY_ARC_ TOGGLE	180	0xB4					ALL	overload	Reserve for manufacture testing use
18 2	FACTORY_SHOW _VERSION	181	0xB5					ALL	overload	Reserve for manufacture testing use
18 3	FACTORY_SPEA KER_VOLUME_C YCLE	182	0xB6					ALL	overload	Reserve for manufacture testing use
18 4	FACTORY_TEST_ 07	183	0xB7					ALL	overload	Reserve for manufacture testing use
18 5	FACTORY_COLO R_TEMP_CYCLE	184	0xB8					ALL	overload	Reserve for manufacture testing use
18 6	FACTORY_TEST_ 09	185	0xB9					ALL	overload	Reserve for manufacture testing use
18 7	FACTORY_TEST_ 10	186	0xBA					ALL	overload	Reserve for manufacture testing use
18 8	FACTORY_VIDEO _PATTERN_CYCL E	187	0xBB					ALL	overload	Reserve for manufacture testing use
18 9	FACTORY_AUDIO _PROCESSING_T OGGLE	188	0xBC					ALL	overload	Reserve for manufacture testing use
19 0	FACTORY_CHAN NEL_TABLE_LOA D	189	0xBD					ALL	overload	Reserve for manufacture testing use
19 1	FACTORY_BACK LIGHT_CYCLE	190	0xBE					ALL	overload	Reserve for manufacture testing use
19 2	FACTORY_SYST EM_RESET	191	0xBF					ALL	overload	Reserve for manufacture testing use. Code excluded from UEI list. Do not assign for regular function

193	SYMBOL_SQUAR E_BRACE_RIGHT	192	0xC0	0	93			ALL	keep	
194	SYMBOL_PAREN _LEFT	193	0xC1	0	40			ALL	keep	
195	SYMBOL_PAREN _RIGHT	194	0xC2	0	41			ALL	keep	
196	SYMBOL_BACKS LASH	195	0xC3	0	47			ALL	keep	
197	SYMBOL_PLUS	196	0xC4	0	43			ALL	keep	
198	~~LAUNCH_DEMO~~	~~197~~	~~0xC5~~	~~10~~				VIA+	keep	Not for retail; Included on 1000 remotes for merchandizi ng use, remote no longer available and IR code no longer supported.
199	INPUT_HDMI_CY CLE	198	0xC6	7	5			ALL	keep	
200	SYMBOL_SINGLE _QUOTE	199	0xC7	0	39			ALL	keep	
201	SYMBOL_DOUBL E_QUOTE	200	0xC8	0	34			ALL	keep	
202	SYMBOL_UNDER SCORE	201	0xC9	0	95			ALL	keep	
203	EDIT_BACKSPAC E	202	0xCA	0	8			ALL	keep	
204	SYMBOL_TAB	203	0xCB	0				ALL	keep	
205	SYMBOL_SPACE	204	0xCC	0	32			ALL	keep	
206	EDIT_DELETE	205	0xCD	0	8			ALL	keep	
207	KEY_MODIFIER_ SHIFT_TOGGLE	206	0xCE					ALL	keep	Reserve discrete SHIFT for future use
208	KEY_MODIFIER_ ALT_TOGGLE	207	0xCF					ALL	keep	Reserve discrete ALT

										for future use
209	KEY_MODIFIER_ CAPS_TOGGLE	208	0xD0					ALL	keep	Reserve discrete CAPS for future use
210	SYMBOL_ASTERI SK	209	0xD1	0	42			ALL	keep	
211	SYMBOL_TILDE	210	0xD2	0				ALL	keep	
212	SYMBOL_QUEST ION_MARK	211	0xD3	0	63			ALL	keep	
213	SYMBOL_HYPHE N	212	0xD4	0	45			ALL	keep	
214	SYMBOL_ANGLE _BRACE_LEFT	213	0xD5	0	*60*			ALL	keep	
215	INPUT_TUNER	214	0xD6	7	8			ALL	keep	
216	SYMBOL_ANGLE _BRACE_RIGHT	215	0xD7	0	*62*			ALL	keep	
217	SYMBOL_SQUAR E_BRACE_LEFT	216	0xD8	0	91			ALL	keep	
218	SYMBOL_COLON	217	0xD9	0	58			ALL	keep	
219	SYMBOL_DOT_C OM	218	0xDA	0				ALL	keep	
220	~~NAV_CONTEXT_ MENU~~	~~219~~	~~0xDB~~	~~4~~	~~2~~			VIA+	keep	For VIA2
221	~~NAV_SEARCH~~	~~220~~	~~0xDC~~	~~4~~	~~11~~			VIA+	keep	For VIA2
222	~~NAV_QUICK_ME NU~~	~~221~~	~~0xDD~~	~~4~~	~~10~~			VIA+	keep	Quick menu for frequent access options
223	SYMBOL_SLASH	222	0xDE	0	92			ALL	keep	
224	~~NAV_HOME~~	~~223~~	~~0xDF~~					VIA+	keep	For VIA2. Return to the APP, UI, or OS "home" state
225	SYMBOL_GRAVE	224	0xE0	0				ALL	keep	

226	FACTORY_BALANCE_CYCLE	225	0xE0					ALL	overload	Reserve for manufacture testing use. code excluded from UEI list. do not assign for regular function
227	~~DPAD_REAR_UP~~	~~226~~	~~0xE2~~	~~3~~	~~6~~			VIA+	keep	QWERTY side button only 2011 models
228	~~DPAD_REAR_DOWN~~	~~227~~	~~0xE3~~	~~3~~	~~3~~			VIA+	keep	QWERTY side button only 2011 models
229	~~DPAD_REAR_LEFT~~	~~228~~	~~0xE4~~	~~3~~	~~4~~			VIA+	keep	QWERTY side button only 2011 models
230	~~DPAD_REAR_RIGHT~~	~~229~~	~~0xE5~~	~~3~~	~~5~~			VIA+	keep	QWERTY side button only 2011 models
231	~~COLOR_REAR_YELLOW~~	~~230~~	~~0xE6~~					VIA+	keep	QWERTY side button only 2011 models
232	~~COLOR_REAR_BLUE~~	~~231~~	~~0xE7~~					VIA+	keep	QWERTY side button only 2011 models
233	~~COLOR_REAR_RED~~	~~232~~	~~0xE8~~					VIA+	keep	QWERTY side button only 2011 models
234	~~COLOR_REAR_GREEN~~	~~233~~	~~0xE9~~					VIA+	keep	QWERTY side button only 2011 models
235	LAUNCH_AMAZON	234	0xEA	10				ALL	keep	Included VIA+ remote.
236	LAUNCH_NETFLIX	235	0xEB	10				ALL	keep	Included VIA+ remote.

237	LAUNCH_VUDU	236	0xEC	10				ALL	keep	Included VIA+ remote.
238	~~LAUNCH_MGO~~	~~237~~	~~0xED~~	~~10~~				VIA+	keep	Defunct: Fangango acquired 2016
239	LAUNCH_IHEART	238	0xEE	10		0x6E		ALL	keep	Included VIA+ remote.
240	~~NAV_LIVE_TV~~	~~239~~	~~0xEF~~	~~4~~	~~7~~			VIA+	keep	LIVE_TV goes back to the underlying video source, regardless of the APP stack. Same as an directed input switch to the last INPUT. VIA
241	INPUT_MEDIA	240	0xF0	7	6			ALL	keep	
242	PARTNER_PLACEHOLDER_15	241	0xF1					SC	NUM_REAR_0	QWERTY side button only 2011 models No power on for 2016-19 skus
243	PARTNER_PLACEHOLDER_16	242	0xF2					SC	NUM_REAR_1	QWERTY side button only 2011 models No power on for 2016-19 skus
244	PARTNER_PLACEHOLDER_17	243	0xF3					SC	NUM_REAR_2	QWERTY side button only 2011 models No power on for 2016-19

#	Name	Dec	Hex					Type	Mapping	Notes
245	PARTNER_PLACEHOLDER_18	244	0xF4					SC	NUM_REAR_3	QWERTY side button only 2011 models No power on for 2016-19 skus
246	PARTNER_PLACEHOLDER_19	245	0xF5					SC	NUM_REAR_4	QWERTY side button only 2011 models No power on for 2016-19 skus
247	PARTNER_PLACEHOLDER_20	246	0xF6					SC	NUM_REAR_5	QWERTY side button only 2011 models No power on for 2016-19 skus
248	LAUNCH_WATCHFREE	247	0xF7	n/a	n/a	0xF7 (07)		SC	NUM_REAR_6	QWERTY side button only 2011 models
249	LAUNCH_CRACKLE	248	0xF8	n/a	n/a	0x6A (07		SC	NUM_REAR_7	QWERTY side button only 2011 models
250	LAUNCH_HULU	249	0xF9	n/a	n/a	0xF9 (07)		SC	NUM_REAR_8	QWERTY side button only 2011 models
251	LAUNCH_TBD	250	0xFA	n/a	n/a			SC	NUM_REAR_9	QWERTY side button only 2011 models
252	SYMBOL_CURLY_BRACE_LEFT	251	0xFB	0				ALL	keep	
253	SYMBOL_CURLY_BRACE_RIGHT	252	0xFC	0				ALL	keep	
254	~~NAV_REAR_VIA~~	~~253~~	~~0xFD~~					VIA+	deprecate for	QWERTY side button only 2011

								new remotes	models; not fielded on any remote.
255	~~SYMBOL_REAR_ENTER~~	~~254~~	~~0xFE~~	0			VIA+	deprecate for new remotes	QWERTY side button only 2011 models
256	NUM_DASH	255	0xFF				VIA+	keep	
257									
258									