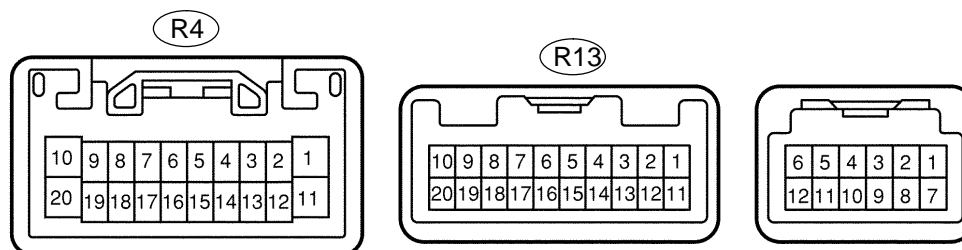


## TERMINALS OF ECU

### 1. RADIO RECEIVER ASSY (SEPARATE TYPE AMPLIFIER)



P

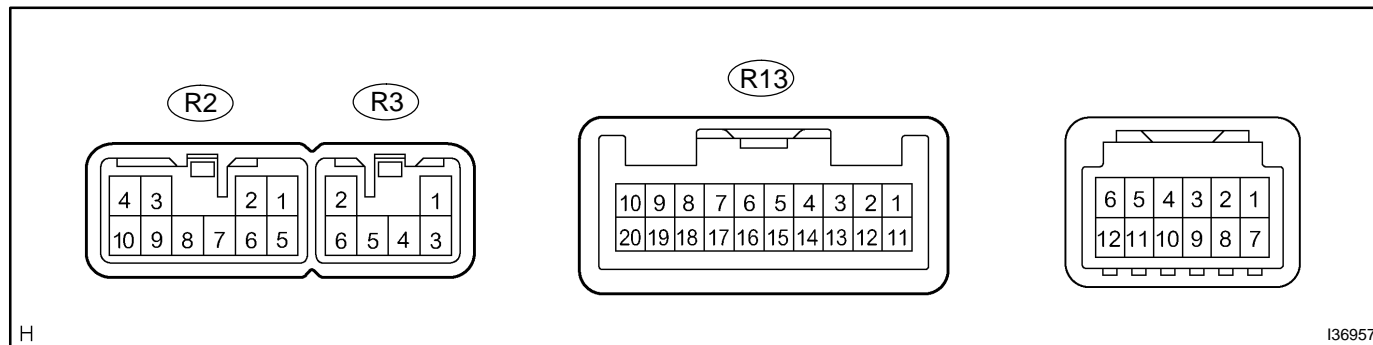
I35641

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
+B (R4-1) – GND (R4-20)	L-Y – BR	Battery	Always	10 to 14 V
ILL+ (R4-2) – GND (R4-20)	G – BR	Illumination signal	Light control switch OFF → TAIL or HEAD	Below 1 V → 10 to 14 V
AMP+ (R4-3) – GND (R4-20)	P-L – BR	Stereo component amplifier assy control signal	Turn ignition switch OFF → ACC or ON	Below 1 V → 10 to 14 V
MUTE (R4-7) – GND (R4-20)	BR – BR	MUTE signal	Audio system is playing → changing	Above 3.5 V → Below 1 V
FR+ (R4-8) – GND (R4-20)	B – BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL+ (R4-9) – GND (R4-20)	L – BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
SLD (R4-10) – Body ground	Shielded – Body ground	Shield ground	Always	Below 1 V
ACC (R4-11) – GND (R4-20)	GR – BR	Accessory (ON)	Turn ignition switch OFF → ACC	Below 1 V → 10 to 14 V
ILL- (R4-12) – GND (R4-20)	W-G – BR	Illumination (rheostat) signal	Light control switch OFF → TAIL or HEAD	Below 1 V → 10 to 14 V
SGND (R4-16) – Body ground	W – Body ground	Shield ground	Always	Below 1 V
BEEP (R4-17) – GND (R4-20)	R – BR	Beep sound signal	Audio panel switch is pushed	A waveform synchronized with beep signal is output
RR+ (R4-18) – GND (R4-20)	G – BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
RL+ (R4-19) – GND (R4-20)	Y – BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
GND (R4-20) – Body ground	BR – Body ground	Ground	Always	Below 1 V
SWG (R13-6) – GND (R4-20)	B (*1), R (*2) – BR	Steering pad switch ground	Always	Below 1 V
SW1 (R13-7) – SWG (R13-6)	Y (*1), L (*2) – B (*1), R (*2)	Steering pad switch signal	Steering pad switch not operated →SEEK+ switch pushed →SEEK- switch pushed →VOL+ switch pushed →VOL- switch pushed	4 V or more →Approx. 0.5 V →Approx. 0.9 V →Approx. 2.0 V →Approx. 3.4 V
SW2 (R13-8) – SWG (R13-6)	O (*1), B (*2) – B (*1), R (*2)	Steering pad switch signal	Steering pad switch not operated →MODE switch pushed	4 V or more → Below 2.5 V

\*1: TMC Made

\*2: TMMK Made

## 2. RADIO RECEIVER ASSY (BUILT-IN TYPE AMPLIFIER)

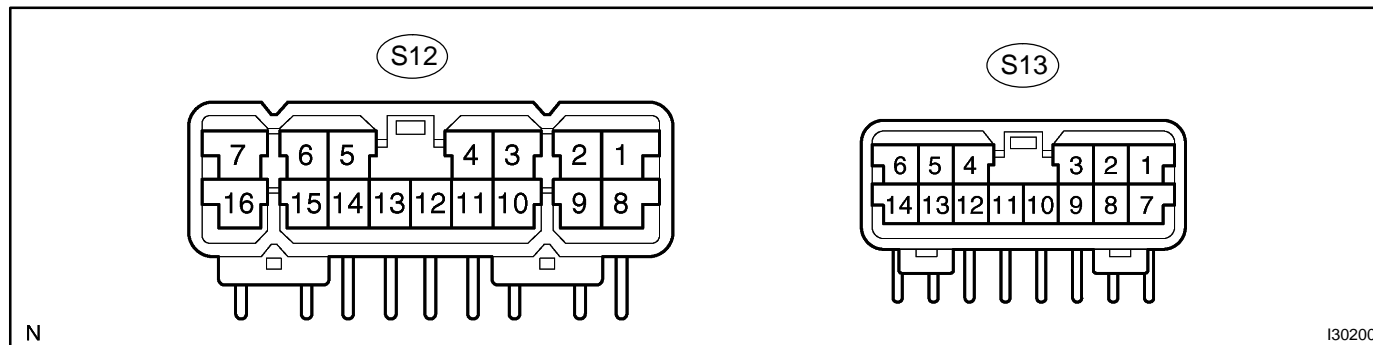


Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
FR+ (R2-1) – GND (R2-7)	LG – BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL+ (R2-2) – GND (R2-7)	P – BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
ACC+B (R2-3) – GND (R2-7)	GR – BR	Accessory (ON)	Turn ignition switch OFF → ACC	Below 1 V → 10 to 14 V
BU+B (R2-4) – GND (R2-7)	L-Y – BR	Battery	Always	10 to 14 V
FR- (R2-5) – GND (R2-7)	L – BR	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL- (R2-6) – GND (R2-7)	V – BR	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
GND (R2-7) – Body ground	BR – Body ground	Ground	Always	Below 1 V
ILL+ (R2-10) – GND (R2-7)	G – BR	Illumination signal	Light control switch OFF → TAIL or HEAD	Below 1 V → 10 to 14 V
RR+ (R3-1) – GND (R2-7)	R – BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
RL+ (R3-2) – GND (R2-7)	B – BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
RR- (R3-3) – GND (R2-7)	W – BR	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
ILL- (R3-5) – GND (R2-7)	W-G – BR	Illumination (rheostat) signal	Light control switch OFF → TAIL or HEAD	Below 1 V → 10 to 14 V
RL- (R3-6) – GND (R2-7)	Y – BR	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
SWG (R13-6) – GND (R3-20)	B (*1), R (*2) – BR	Steering pad switch ground	Always	Below 1 V
SW1 (R13-7) – SWG (R13-6)	Y (*1), L (*2) – B (*1), R (*2)	Steering pad switch signal	Steering pad switch not operated →SEEK+ switch pushed →SEEK- switch pushed →VOL+ switch pushed →VOL- switch pushed	4 V or more →Approx. 0.5 V →Approx. 0.9 V →Approx. 2.0 V →Approx. 3.4 V
SW2 (R13-8) – SWG (R13-6)	O (*1), B (*2) – B (*1), R (*2)	Steering pad switch signal	Steering pad switch not operated →MODE switch pushed	4 V or more → Below 2.5 V

\*1: TMC Made

\*2: TMMK Made

### 3. STEREO COMPONENT AMPLIFIER ASSY



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specification
AMP+ (S13-1) – GND (S12-13)	P – L – W-B	Stereo component amplifier assy control signal	Radio switch is ON	10 to 14 V
ACC (S13-2) – GND (S12-13)	GR – W-B	Accessory (ON)	Turn ignition switch OFF → ACC or ON	Below 1 V → 10 to 14 V
BEEP (S13-4) – GND (S12-13)	R – W-B	Beep sound signal	Audio panel switch is pushed	A waveform synchronized with beep signal is output
FLIN (S13-5) – GND (S12-13)	L – W-B	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
FRIN (S13-6) – GND (S12-13)	B – W-B	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
SGND (S13-11) – Body ground	W – Body ground	Shield ground	Always	Below 1 V
MUTE (S13-12) – GND (S12-13)	BR – W-B	MUTE signal	Audio system is playing → changing	Above 3.5 V → Below 1 V
RLIN (S13-13) – GND (S12-13)	Y – W-B	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
RRIN (S13-14) – GND (S12-13)	G – W-B	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
FR+ (S12-1) – GND (S12-13)	LG – W-B	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL+ (S12-2) – GND (S12-13)	P – W-B	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
RR+ (S12-3) – GND (S12-13)	R – W-B	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output
RL+ (S12-4) – GND (S12-13)	B – W-B	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
+B (S12-7) – GND (S12-13)	L-Y – W-B	Battery	Always	10 to 14 V
FR- (S12-8) – GND (S12-13)	L – W-B	Sound signal (Front Right)	Audio system is playing	A waveform synchronized with sounds is output
FL- (S12-9) – GND (S12-13)	V – W-B	Sound signal (Front Left)	Audio system is playing	A waveform synchronized with sounds is output
RR- (S12-10) – GND (S12-13)	W – W-B	Sound signal (Rear Right)	Audio system is playing	A waveform synchronized with sounds is output

## DIAGNOSTICS – AUDIO SYSTEM

RL- (S12-11) – GND (S12-13)	Y – W-B	Sound signal (Rear Left)	Audio system is playing	A waveform synchronized with sounds is output
GND (S12-13) – Body ground	W-B – Body ground	Ground	Always	Below 1 V