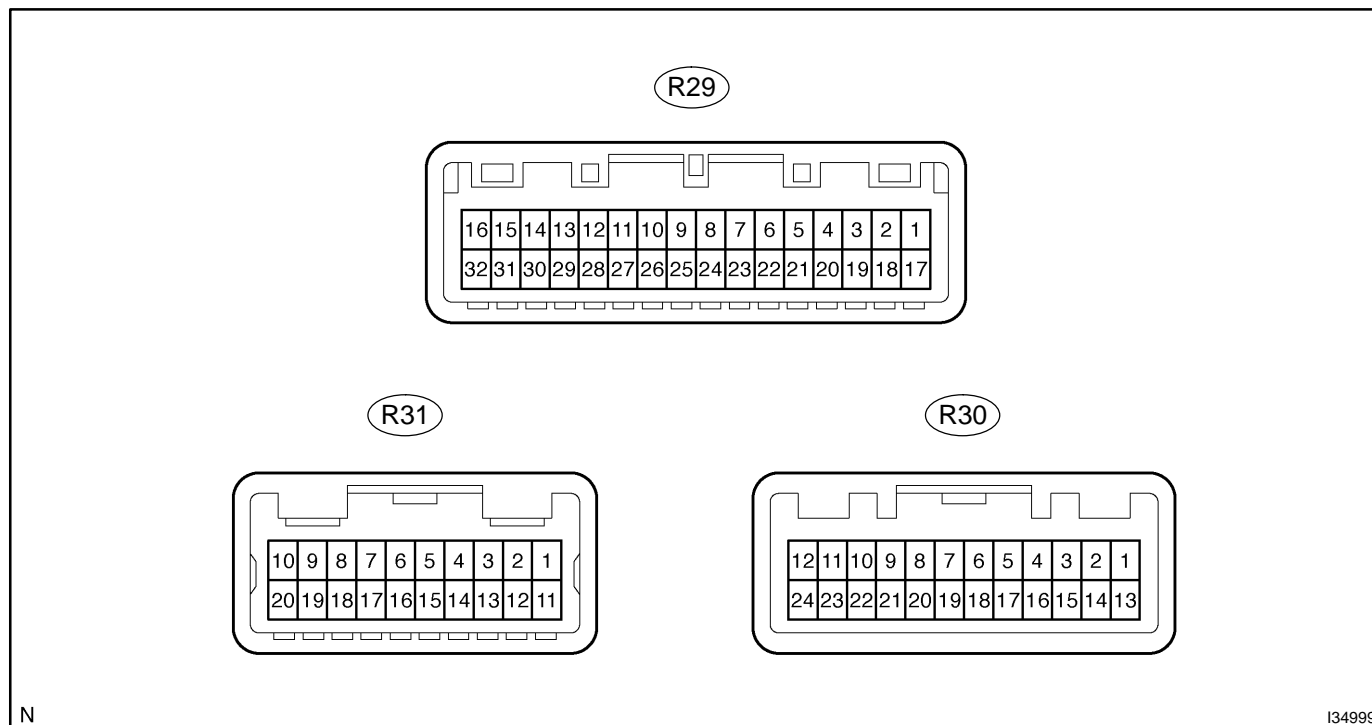


TERMINALS OF ECU

1. MULTI-DISPLAY CONTROLLER SUB-ASSY



Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specification
L- - GND (R29-7 - R29-29)	G - W-B	Sound signal (Output)	DVD system is playing	A waveform synchronized with sound is output
L+ - GND (R29-8 - R29-29)	R - W-B	Sound signal (Output)	DVD system is playing	A waveform synchronized with sound is output
R- - GND (R29-9 - R29-29)	W - W-B	Sound signal (Output)	DVD system is playing	A waveform synchronized with sound is output
R+ - GND (R29-10 - R29-29)	B - W-B	Sound signal (Output)	DVD system is playing	A waveform synchronized with sound is output
SG1 - Body ground (R29-11 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
LMUT - GND (R29-12 - R29-29)	V - W-B	Mute signal	Disc player changer or disc player controller is changing	Below 1 V
+B1 - GND (R29-16 - R29-29)	Y - W-B	Battery	Always	10 to 14 V
TX3+ (R29-17)	BR	AVC-LAN communication signal	See "Service Check Mode"	-
TX3- (R29-18)	Y	AVC-LAN communication signal	See "Service Check Mode"	-
TX- (R29-30)	GR	AVC-LAN communication signal	See "Service Check Mode"	-
TX+ (R29-31)	LG	AVC-LAN communication signal	See "Service Check Mode"	-

DIAGNOSTICS - REAR SEAT ENTERTAINMENT SYSTEM

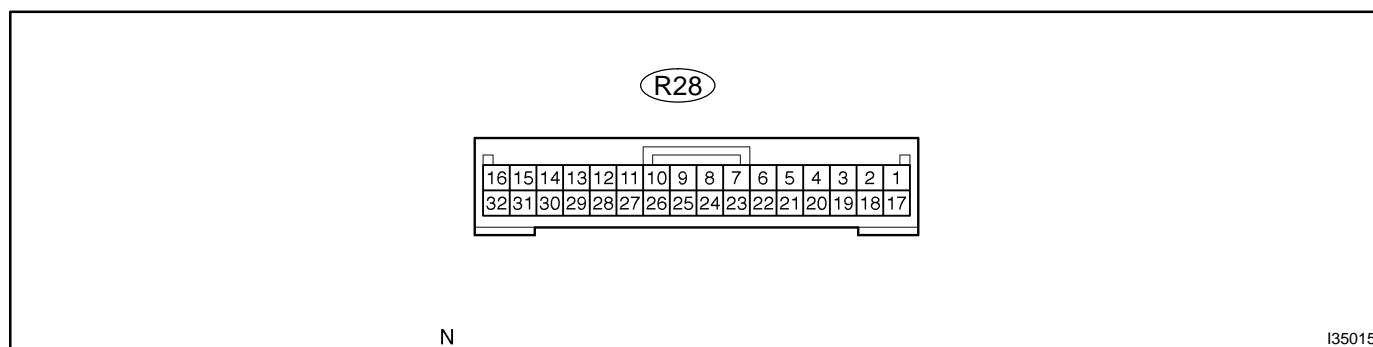
SG33 - Body ground (R29-19 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
SGN1 - Body ground (R29-20 - Body ground)	R - Body ground	Ground	Always	Below 1 V
NTS1 - GND (R29-21 - R29-29)	G - W-B	Display signal	DVD system is displayed	Pulse generation
R-L- - GND (R29-23 - R29-29)	G - W-B	Sound signal (Input)	RSE system is playing	A waveform synchronized with sound is output
R-L+ - GND (R29-24 - R29-29)	R - W-B	Sound signal (Input)	RSE system is playing	A waveform synchronized with sound is output
R-R- - GND (R29-25 - R29-29)	W - W-B	Sound signal (Input)	RSE system is playing	A waveform synchronized with sound is output
R-R+ - GND (R29-26 - R29-29)	B - W-B	Sound signal (Input)	RSE system is playing	A waveform synchronized with sound is output
SG2 - Body ground (R29-27 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
RMUT - GND (R29-28 - R29-29)	L - W-B	Mute signal	Audio source is changing	Below 1 V
GND - Body ground (R29-29 - Body ground)	W-B - Body ground	Ground	Always	Below 1 V
ACC - GND (R29-32 - R29-29)	G - W-B	Ignition (ACC)	Ignition switch in the ACC position	10 to 14 V
+B2 - GND (R30-1 - R29-29)	V - W-B	Battery	Always	10 to 14 V
ACC2 - GND (R30-2 - R29-29)	GR - W-B	Ignition (ACC)	Ignition switch in the ACC position	10 to 14 V
GAUX - GND (R30-3 - R29-29)	SB - W-B	Ground	External device system is playing (At that time of VTR jack use)	A waveform synchronized with sound is output
TX2- (R30-4)	LG	AVC-LAN communication signal	See "Service Check Mode"	-
TX2+ (R30-5)	P	AVC-LAN communication signal	See "Service Check Mode"	-
GND1 - Body ground (R30-6 - Body ground)	W-B - Body ground	Ground	Always	Below 1 V
SG5 - Body ground (R30-7 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
HP1L - GND (R30-8 - R29-29)	G - W-B	Sound signal (Input)	External device system is playing (At that time of VTR jack use)	A waveform synchronized with sound is output
HP1R - GND (R30-9 - R29-29)	R - W-B	Sound signal (Input)	External device system is playing (At that time of VTR jack use)	A waveform synchronized with sound is output
SG7 - Body ground (R30-10 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V

AUXL - GND (R30-11 - R29-29)	BR - W-B	Sound signal	External device system is playing (At that time of VTR jack use)	A waveform synchronized with sound is output
AUXR - GND (R30-12 - R29-29)	Y - W-B	Sound signal	External device system is playing (At that time of VTR jack use)	A waveform synchronized with sound is output
R2 - GND (R30-13 - R29-29)	G - W-B	Display signal (Red)	Display is on (Television display assy)	Pulse genera- tion
G2 - GND (R30-14 - R29-29)	W - W-B	Display signal (Green)	Display is on (Television display assy)	Pulse genera- tion
B2 - GND (R30-15 - R29-29)	R - W-B	Display signal (Blue)	Display is on (Television display assy)	Pulse genera- tion
SYN2 - GND (R30-16 - R29-29)	B - W-B	Display signal (Synchronize)	Display is on (Television display assy)	Pulse genera- tion
VR2 - Body ground (R30-17 - Body ground)	Y - Body ground	Ground	Always	Below 1 V
VG2 - Body ground (R30-18 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
SG6 - Body ground (R30-19 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
HP2L - GND (R30-20 - R29-29)	BR - W-B	Sound signal (Output)	Audio system is playing (Head- phone)	A waveform synchronized with sound is output
HP2R - GND (R30-21 - R29-29)	Y - W-B	Sound signal (Output)	Audio system is playing (Head- phone)	A waveform synchronized with sound is output
SG6 - Body ground (R30-22 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
SGN5 - Body ground (R30-23 - Body ground)	R - Body ground	Ground	Always	Below 1 V
NTS4 - GND (R30-24 - R29-29)	G - W-B	Display signal	External device system displayed (At that time of VTR jack use)	Pulse genera- tion
MUTE - GND (R31-1 - R29-29)	L - W-B	Mute signal	Disc player controller is changing	Below 1 V
AL- - GND (R31-2 - R29-29)	G - W-B	Sound signal (Input)	DVD system is playing	A waveform synchronized with sound is output
AL+ - GND (R31-3 - R29-29)	R - W-B	Sound signal (Input)	DVD system is playing	A waveform synchronized with sound is output
AR- - GND (R31-4 - R29-29)	W - W-B	Sound signal (Input)	DVD system is playing	A waveform synchronized with sound is output
AR+ - GND (R31-5 - R29-29)	B - W-B	Sound signal (Input)	DVD system is playing	A waveform synchronized with sound is output
SG4 - Body ground (R31-6 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V

DIAGNOSTICS - REAR SEAT ENTERTAINMENT SYSTEM

SELD - Body ground (R31-7 - Body ground)	W-B - Body ground	Ground	Always	Below 1 V
NTS2 - GND (R31-8 - R29-29)	G - W-B	Display signal	DVD system is displayed	Pulse generation
SGN2 - Body ground (R31-9 - Body ground)	R - Body ground	Ground	Always	Below 1 V
SG9 - Body ground (R31-10 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
HPL- - GND (R31-16 - R29-29)	G - W-B	Sound signal (Output)	RSE system is playing	A waveform synchronized with sound is output
HPL+ - GND (R31-17 - R29-29)	W - W-B	Sound signal (Output)	RSE system is playing	A waveform synchronized with sound is output
HPR- - GND (R31-18 - R29-29)	R - W-B	Sound signal (Output)	RSE system is playing	A waveform synchronized with sound is output
HPR+ - GND (R31-19 - R29-29)	B - W-B	Sound signal (Output)	RSE system is playing	A waveform synchronized with sound is output
SLD1 - Body ground (R31-20 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V

2. TELEVISION DISPLAY ASSY



Terminals No. (Symbols)	Wiring Color	Condition	Condition	Specification
+B - GND (R28-1 - R28-6)	G - W-B	Battery	Always	10 to 14 V
ACC - GND (R28-2 - R28-6)	GR - W-B	Ignition (ACC)	Ignition switch in the ACC position	10 to 14 V
TX- (R28-4)	V	AVC-LAN communication signal	See "Service Check Mode"	-
TX+ (R28-5)	O	AVC-LAN communication signal	See "Service Check Mode"	-
GND - Body ground (R28-6 - Body ground)	W-B - Body ground	Ground	Always	Below 1 V
HP1R - GND (R28-7 - R28-6)	BR - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output

HP1L - GND (R28-8 - R28-6)	Y - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
GND - Body ground (R28-9 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
SGND - Body ground (R28-10 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
AR+ - GND (R28-11 - R28-6)	B - W-B	Sound signal (Output)	DVD system is sounding	A waveform synchronized with sound is output
AR- - GND (R28-12 - R28-6)	W - W-B	Sound signal (Output)	DVD system is sounding	A waveform synchronized with sound is output
AL+ - GND (R28-13 - R28-6)	R - W-B	Sound signal (Output)	DVD system is sounding	A waveform synchronized with sound is output
AL- - GND (R28-14 - R28-6)	G - W-B	Sound signal (Output)	DVD system is sounding	A waveform synchronized with sound is output
MUTE - GND (R28-15 - R28-6)	V - W-B	Mute signal	DVD system is sounding → DVD system is changing	3.5 V → Below 1 V
SG - Body ground (R28-16 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
VG - Body ground (R28-17 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
VR - Body ground (R28-18 - Body ground)	Y - Body ground	Ground	Always	Below 1 V
SYNC - VR (R28-19 - R28-18)	B - Y	Display signal (Synchronize)	Television display is ON	Pulse generation
B - VR (R28-20 - R28-18)	R - Y	Display signal (Blue)	Television display is ON	Pulse generation
G - VR (R28-21 - R28-18)	W - Y	Display signal (Green)	Television display is ON	Pulse generation
R - VR (R28-22 - R28-18)	G - Y	Display signal (Red)	Television display is ON	Pulse generation
HP2R - GND (R28-23 - R28-6)	P - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
HP2L - GND (R28-24 - R28-6)	L - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
GND1 - Body ground (R28-25 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
HPR+ - GND (R28-26 - R28-6)	BR - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output

DIAGNOSTICS - REAR SEAT ENTERTAINMENT SYSTEM

HPR- - GND (R28-27 - R28-6)	SB - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
HPL+ - GND (R28-28 - R28-6)	LG - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
HPL- - GND (R28-29 - R28-6)	P - W-B	Sound signal (Input)	While voice sound is being produced	A waveform synchronized with sound is output
SLD - Body ground (R28-30 - Body ground)	Shielded - Body ground	Ground	Always	Below 1 V
S. GND - Body ground (R28-31 - Body ground)	BR - Body ground	Ground	Always	Below 1 V
NTSC - GND (R28-32 - R28-6)	Y - W-B	Display signal	Rear display is on	Pulse generation