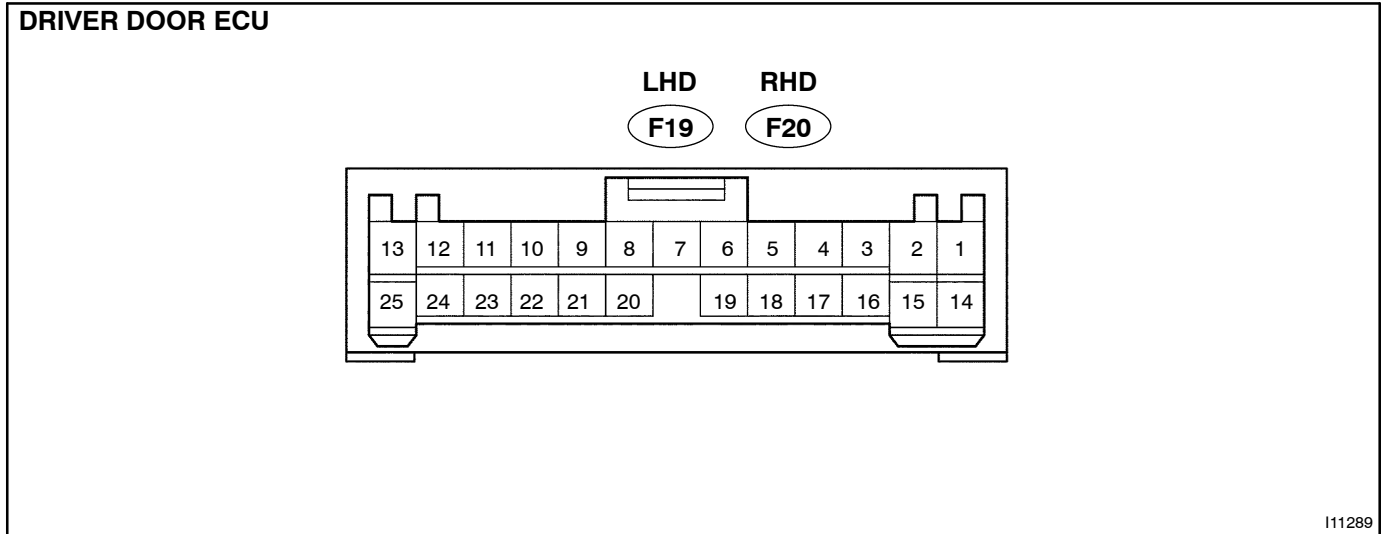


TERMINALS OF ECU



LHD Models:

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)	
CPUB ↔ GND (F19-15 ↔ F19-25)	R ↔ B	Constant	10 - 14 V	
BDR ↔ GND (F19-14 ↔ F19-25)	V ↔ B	Constant	10 - 14 V	
SIG ↔ GND (F19-9 ↔ F19-25)	Y ↔ B	Constant	10 - 14 V	
GND ↔ Body Ground (F19-25 ↔ Body Ground)	B ↔ Body Ground	Constant	Below 1 V	
CTY ↔ GND (F19-8 ↔ F19-25)	R-G ↔ B	Driver door closed.	10 - 14 V	
		Driver door opened.	Below 1 V	
CYL ↔ GND (F19-7 ↔ F19-25)	L ↔ B	Constant	10 - 14 V	
AUTO ↔ GND (F19-22 ↔ F19-25)	L-R ↔ B	Auto down switch position is OFF.	Below 1 V	
		Ignition switch position is ON. Auto down switch position is ON.	10 - 14 V	
MUP ↔ GND (F19-24 ↔ F19-25)	L-W ↔ B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			UP	10 - 14 V
MDN ↔ GND (F19-23 ↔ F19-25)	L-B ↔ B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			Down	10 - 14 V
A+ ↔ GND (F19-13 ↔ F19-25)	LG ↔ B	Power door lock (RrLH) is not operating.	Below 1 V	
		Power door lock (RrLH) is operating to unlock.		
		Power door lock (RrLH) is operating to lock.		10 - 14 V
A- ↔ GND (F19-1 ↔ F19-25)	P ↔ B	Power door lock (FrLH) is not operating.	Below 1 V	
		Power door lock (FrLH) is operating to lock.		
		Power door lock (FrLH) is operating to unlock.		10 - 14 V
KL ↔ GND (F19-18 ↔ F19-25)	P-B ↔ B	Door key lock and unlock switch position is OFF.	Below 1 V	
		Door key lock and unlock switch position is LOCK.	10 - 14 V	
KUL ↔ GND (F19-20 ↔ F19-25)	P-G ↔ B	Door key lock and unlock switch position is OFF.	Below 1 V	
		Door key lock and unlock switch position is UNLOCK.	10 - 14 V	

ML ↔ GND (F19-21 ↔ F19-25)	LG-B ↔ B	Door lock control switch* position	OFF	10 - 14 V
			LOCK	Below 1 V
MUL ↔ GND (F19-19 ↔ F19-25)	LG-R ↔ B	Door lock control switch* position	OFF	10 - 14 V
			UNLOCK	Below 1 V
WLSW ↔ GND (F19-6 ↔ F19-25)	Y-G ↔ B	Window lock switch* position	UNLOCK	Below 1 V
			LOCK	10 - 14 V
LSW ↔ GND (F19-17 ↔ F19-25)	G ↔ B	Driver door is locked.		10 - 14 V
		Driver door is unlocked.		Below 1 V
DT1 ↔ GND (F19-3 ↔ F19-25)	B-W ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT2 ↔ GND (F19-9 ↔ F19-25)	B-R ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT3 ↔ GND (F19-16 ↔ F19-25)	B-Y ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V

*: Power Window Master Switch

RHD Models:

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)	
CPUB ↔ GND (F20-15 ↔ F20-25)	R ↔ B	Constant	10 - 14 V	
BDR ↔ GND (F20-14 ↔ F20-25)	V ↔ B	Constant	10 - 14 V	
SIG ↔ GND (F20-2 ↔ F20-25)	W ↔ B	Constant	10 - 14 V	
GND ↔ Body Ground (F20-25 ↔ Body Ground)	B ↔ Body Ground	Constant	Below 1 V	
CTY ↔ GND (F20-8 ↔ F20-25)	R-G ↔ B	Driver door closed.	10 - 14 V	
		Driver door opened.	Below 1 V	
CYL ↔ GND (F20-7 ↔ F20-25)	Y ↔ B	Constant	10 - 14 V	
AUTO ↔ GND (F20-22 ↔ F20-25)	L-R ↔ B	Auto down switch position is OFF.	Below 1 V	
		Ignition switch position is ON. Auto down switch position is ON.	10 - 14 V	
MUP ↔ GND (F20-24 ↔ F20-25)	L-W ↔ B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			UP	10 - 14 V
MDN ↔ GND (F20-23 ↔ F20-25)	L-B ↔ B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			Down	10 - 14 V

DIAGNOSTICS - DRIVER DOOR CONTROL SYSTEM

A+ ↔ GND (F20-13 ↔ F20-25)	L ↔ B	Power door lock (RrLH) is not operating.	Below 1 V	
		Power door lock (RrLH) is operating to unlock.		
		Power door lock (RrLH) is operating to lock.		10 - 14 V
A- ↔ GND (F20-1 ↔ F20-25)	LG ↔ B	Power door lock (FrLH) is not operating.	Below 1 V	
		Power door lock (FrLH) is operating to lock.		
		Power door lock (FrLH) is operating to unlock.		10 - 14 V
KL ↔ GND (F20-18 ↔ F20-25)	P-B ↔ B	Door key lock and unlock switch position is OFF.	Below 1 V	
		Door key lock and unlock switch position is LOCK.	10 - 14 V	
KUL ↔ GND (F20-20 ↔ F20-25)	P-G ↔ B	Door key lock and unlock switch position is OFF.	Below 1 V	
		Door key lock and unlock switch position is UNLOCK.	10 - 14 V	
ML ↔ GND (F20-21 ↔ F20-25)	LG-B ↔ B	Door lock control switch* position	OFF	10 - 14 V
			LOCK	Below 1 V
MUL ↔ GND (F20-19 ↔ F20-25)	LG-R ↔ B	Door lock control switch* position	OFF	10 - 14 V
			UNLOCK	Below 1 V
WLSW ↔ GND (F20-6 ↔ F20-25)	Y-G ↔ B	Window lock switch* position	UNLOCK	Below 1 V
			LOCK	10 - 14 V
LSW ↔ GND (F20-17 ↔ F20-25)	G ↔ B	Driver door is locked.	10 - 14 V	
		Driver door is unlocked.	Below 1 V	
DT1 ↔ GND (F20-3 ↔ F20-25)	B-W ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT2 ↔ GND (F20-9 ↔ F20-25)	B-R ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT3 ↔ GND (F20-16 ↔ F20-25)	B-Y ↔ B	Ignition switch position is ON. Power window switch (Driver door) position	OFF	10 - 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V

*: Power Window Master Switch