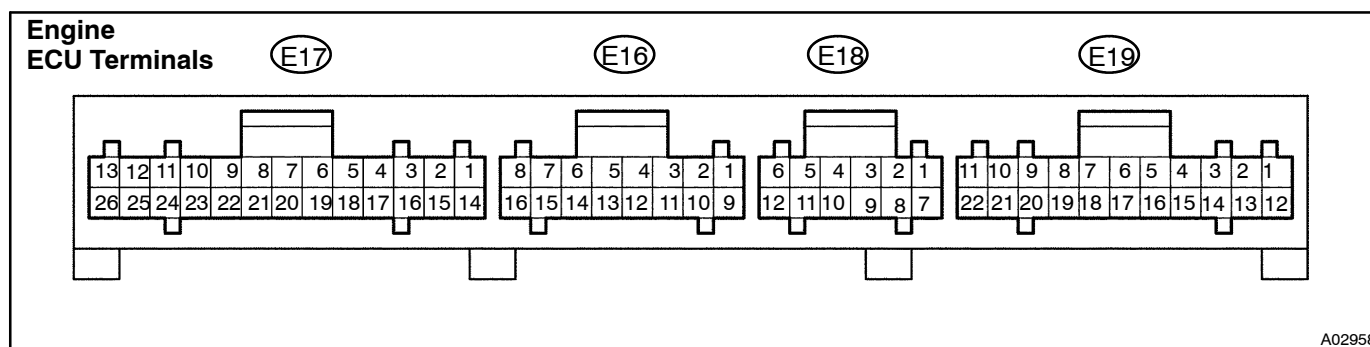


TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BATT (E19-1) - E1 (E17-14)	B-R - BR	Always	9 ~ 14
+ B (E19-12) - E1 (E17-14)	B-Y - BR	IG switch ON	9 ~ 14
VC (E16-1) - E2 (E16-9)	L-R - BR-W	IG switch ON	4.5 ~ 5.5
VCC (E18-6) - E2C (E18-4)	L-R - BR-W	IG switch ON	4.5 ~ 5.5
VA (E18-5) - E2C (E18-4)	R-Y - BR-W	Accelerator pedal fully closed	0.6 ~ 1.3
		Accelerator pedal fully opened	2.8 ~ 4.5
VAS (E18-12) - E2C (E18-4)	P-L - BR-W	Accelerator pedal fully closed	0.6 ~ 1.3
		Accelerator pedal fully opened	2.8 ~ 4.5
IDL (E18-9) - E2C (E18-4)	LG-B - BR-W	Accelerator pedal fully closed	9 ~ 14
		Accelerator pedal fully opened	0 ~ 3
PIM (E16-2) - E2 (E16-9)	P-L - BR-W	Apply vacuum 40 kPa (300 mmHg, 11.8 in.Hg)	1.0 ~ 1.8
		Apply vacuum 135 kPa (1,000 mmHg, 39.4 in.Hg)	2.3 ~ 4.2
THA (E16-3) - E2 (E16-9)	W-G - BR-W	Idling, air intake temp. 0°C (32°F) to 60°C (140°F)	0.2 ~ 3.8
THW (E16-4) - E2 (E16-9)	G-B - BR-W	Idling, engine coolant temp. 60°C (140°F) to 120°C (248°F)	0.1 ~ 1.5
THF (E16-5) - E2 (E16-9)	B-R - BR-W *1	IG switch ON (at engine cold)	0.5 ~ 3.8
	G-R - BR-W *2		
STA (E19-11) - E1 (E17-14)	B-W - BR	Cranking	6.0 or more
TDC+ (E17-17) - TDC- (E17-16)	B - W	Idling	Pulse generation (See page DI-21)
NE+ (E17-19) - NE- (E17-18)	L - G	Idling	Pulse generation (See page DI-21)
SP1 (E19-9) - E1 (E17-14)	V - BR	IG switch ON Rotate driving wheel slowly	Pulse generation
TCV (E17-11) - E01 (E17-13)	R-Y - W-B	IG switch ON	9 ~ 14
		Idling	Pulse generation (See page DI-24)
SPVD (E17-12) - E1 (E17-14)	L-Y - BR	IG switch ON	9 ~ 14
SPVF (E17-25) - E1 (E17-14)	L-R - BR	Idling	Pulse generation (See page DI-71)
EGR (E17-24) - E01 (E17-13)	R-G - W-B	IG switch ON	9 ~ 14
		EGR ON	Pulse generation (See page DI-85)

*1: LHD

*2: RHD

Symbols (Terminals (No.))	Wiring (Color)	Condition	STD (Voltage (V))
S/TH (E17-10) – E01 (E17-13)	W-L – W-B	VSV (OFF (Idling))	9 ~ 14
		VSV (ON (after IG switch OFF for 2 sec.))	0 ~ 3
PA (E17-9) – E01 (E17-13)	W-R – W-B	VSV (for atmospheric pressure leaning OFF)	9 ~ 14
		VSV (for atmospheric pressure leaning ON)	0 ~ 3
MREL (E19-3) – E01 (E17-13)	B-W – W-B	IG switch ON	9 ~ 14
IGSW (E19-14) – E1 (E17-14)	B-R – BR	IG switch ON	9 ~ 14
AC1 (E18-2) – E1 (E17-14)	W-G – BR	A/C switch ON (at Idling)	0 ~ 1.5
		A/C switch OFF	9 ~ 14
ACT (E18-8) – E1 (E17-14)	L-B – BR	IG switch ON	9 ~ 14
		At A/C cut controlled (Driving below 30 km/h, accelerator pedal fully opened for 5 sec.)	0 ~ 3
PDL (E18-3) – E1 (E17-14)	GR – BR	Accelerator pedal fully closed	9 ~ 14
		Accelerator pedal fully opened	0 ~ 3
TAC (E18-7) – E1 (E17-14)	B – BR	Idling	Pulse generation
TC (E19-4) – E1 (E17-14)	P-B – BR	IG switch ON	9 ~ 14
W (E19-5) – E1 (E17-14)	W – BR	Check engine warning light lights up	0 ~ 3
		Except check engine warning light lights up	9 ~ 14
G=IND (E18-1) – E1 (E17-14)	Y-R – BR	Glow indicator light lights up	0 ~ 3
		Except glow indicator light lights up	9 ~ 14
DATA (E16-6) – E1 (E17-14)	G-B – BR	For 0.5 sec. after IG switch ON	Pulse generation
CLK (E16-14) – E1 (E17-14)	G-W – BR	For 0.5 sec. after IG switch ON	Pulse generation
THWO (E19-8) – E1 (E17-14)	Y-B – BR	IG switch ON	Pulse generation (See page DI-96)
EGRC (E17-3) – E1 (E17-14)	R – BR	IG switch ON	0 ~ 3
		Maintain engine speed at 1500 rpm after warming up	9 ~ 14
IREL (E19-2) – E1 (E17-14)	G-Y – BR	IG switch ON	0 ~ 3
		At intake heater ON	9 ~ 14
SPVD (E17-12) – E1 (E17-14)	L-Y – BR	Idling	Pulse generation (See page DI-71)
VCH (E17-23) – E1 (E17-14)	Y-R – BR	Heater blower switch ON	0 ~ 3
		Heater blower switch OFF	9 ~ 14
SVR (E19-13) – E1 (E17-14)	L-W – BR	IG switch ON	0 ~ 1.5
VCT (E16-7) – E1 (E17-14)	L-B – BR	Heater blower switch ON	0 ~ 3
		Heater blower switch OFF	9 ~ 14
HSW (E19-20) – E1 (E17-14)	B-L – BR	Push on power heater switch	0 ~ 3
		Push off power heater switch	9 ~ 14
FSW (E17-7) – E1 (E17-14)	R-L – BR	At shift position in first position	9 ~ 14
		At other shift position in first position	0 ~ 3
PS (E16-8) – E1 (E17-14)	P – BR	Idling, Turn steering wheel	0 ~ 3
		IG switch ON	9 ~ 14
SIL (E19-15) – E1 (E17-14)	V-W – BR	Connect hand-held tester to DLC3	Pulse generation
IMI (E19-17) – E1 (E17-14)	L-B – BR	Idling	Pulse generation
IMO (E19-6) – E1 (E17-14)	L-R – BR	A few sec. after engine starting	Pulse generation